Lancaster Farming

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N.E. ag secretaries hit dairy issues

BY SHEILA MILLER

HERSHEY — The future of the Northeastern states' agriculture, especially the dairy industry's outlook, were key topics this week during the Northeastern Association of State Departments of Agriculture annual meeting held here at Hotel Hershey.

Pennsylvania's Agriculture Secretary Penrose Hallowell, who served as the Association's president for the past year, hosted the four-day "meeting of minds" with ag secretaries and commissioners from Connecticut, Delaware, Maine, Massachusetts, New Hampshire, New Jersey, New York, and Vermont.

As panelists participated in discussions on issues facing the agricultural industry, the dairy situation surfaced as a prime concern. U.S. House Agriculture Committee Chairman E. Kika de la Garza admitted the national dairy program "needs reform" as he addressed a capacity crowd of farmers, agribusiness leaders, and legislators during Tuesday evening's banquet.

He stated the current dairy surplus situation confronting the legislators in Washington D.C. only represents a 30-day supply which some of his peers feel is too small in the event of a disaster. The cost of the national price support program, he said, would not be of concern if the federal government was not having budget problems.

(Turn to Page A18)

Agriculture secretaries and commissioners from the Northeast met in Hershey this week to share ideas and propose solutions to problems facing the farm industry. Pennsylvania Secretary of Agriculture Penrose Hallowell, front right, hosted the summer conference. Pictured with Hallowell are: from bottom, Robert Lonnsberry, Iowa, national president of the ag secretaries' association; Howard Townsend, N.H.; George Dunsmore, Vt.; Leonard Krogh, Ct.; Donald Lynch; Del.; Stewart Smith, Me.; Roger Barber, N.Y.; Arthur Bronw, N.J.

York zoning board rules for "small farm"

BY JOYCE BUPP
Staff Correspondent

DELTA — The zoning hearing board of Peach Bottom Township, York County has ruled in favor of two "small farm" landowners who challenged sections of the township's agriculture land preservation ordinances.

Lowell Williams, R3 Delta, and Philip Nicholson, R2 Delta, had appealed to the hearing board about an ordinance that went into effect last August. That regulation prohibited the sale of a plot of prime farmland if either the buyer's or seller's acreage, after the sale, totalled less than 50 acres.

Both petitioners wish to expand their farm sizes with the purchase of a few acres of neighboring property.

Five public hearings were held from February through May, with challengers charging that the ordinances allowed large farms to grow larger, but prohibited small acreage owners from expanding their holdings through acquisitions of a few acres. (Lancaster Farming had detailed the April 20 hearing in the issue of May 1, 1982.)

In their July decision, the hearing board wrote the opinion that "...said sections of the Peach Bottom Township Zoning Ordinance are declared to be arbitrary, unreasonable and unconstitutional."

Peach Bottom Township's board of supervisors has 30 days in which to appeal the hearing board's ruling. They plan a public meeting on July 28 at the township building to determine if township residents support an appeal or a rewrite of the disputed sections.

In a 22-page document, the hearing board outlined their extensive findings of fact after the five meetings. They cited the success of several small farms already operating in York County

(Turn to Page A36)

Type 32 now "legal" in Pa.

Tobacco exemption passes

BY DICK ANGLESTEIN

WASHINGTON — Action in the nation's capital this week brought a collective sigh of relief from a lot of Lancaster County tobacco growers.

All that Maryland tobacco that has been growing by leaps and bounds in county fields during the recent hot weather is now legal and free of quota restrictions.

An exemption to permit the growing of Type 32 tobacco in Pennsylvania free of quota regulations, spearheaded by Congressman Bob Walker, was part of the 1982 Tobacco Program Act that passed the Senate and was due to be signed by President Reagan late this week.

It had been approved by the House previously.

The local growing of Maryland tobacco, which has been increasing due primarily to more favorable marketing conditions, previously faced an uncertain future when severe restrictions were put on the growing of non-quota tobacco, such as Type 32, in any state with tobacco quotas.

While Lancaster County growers traditionally have rejected any quotas, a small 12-acre allotment for Type 53 tobacco remains under quota in the northern part of the state.

Now, under the new exemption, the non-quota Type 32 can be grown free of quota restrictions in states, including Pennsylvania, with 20 acres or less of quota tobacco.

The effort to include the exemption in the tobacco bill and gain its approval began in earnest following a meeting held by Congressman Walker with USDA officials and growers at Terre Hill earlier in the year.

The restrictions that could affect local growers only came to light after plants were already in their seedbeds for the current growing season.

At Walker's urging, Rep. Charles Rose, of North Carolina, chairman of the House Subcommittee on Tobacco and Peanuts, agreed to put the 20-acre exemption in the Tobacco Program Act.

The restrictions against the growing of Maryland tobacco in quota states originally were placed in the 1981 Agriculture Act by two members of the Maryland Congressional delegation to counteract an increase in the growing of Type 32, primarily in burley states, which have quotas for that type of tobacco.

Maryland and burley tobacco are largely interchangeable in the production of cigarettes. Some burley growers had been moving to Maryland tobacco in an attempt to get around the quotas.

In Lancaster County, recent moves to Maryland tobacco have been primarily economic in nature.

While Maryland tobacco has been selling readily for about 1.30 a pound, Pennsylvania Type 4

(Turn to Page A37)

Imports threaten apple market

BY DEBBIE KOONTZ

LANCASTER — The Pennsylvania apple juice industry may be headed for some hard times from drastically reduced sales if imports from foreign countries such as Argentina aren't stopped soon.

This is the sentiment being expressed from various producers in Adams County — the state's largest producer of apples, and the country's largest concentrated apple processing county (due largely to the presence of three of the country's leading apple processors — Musselmans, Knouse Foods, and Duffy Mott).

Argentina has been singled out as the major concern among apple growers because of their rate of sales into the United States. In U.S. dollars, last year, the Argentine value of apple juice concentrate exceeded $27 million — 45 percent of the total dollar market for imported apple juice and 49 percent of the total quantity of imported apple juice. This figure, from 1981, is up 7.6 percent from 1980.

Guy Donaldson, apple producer and chairman of PACMA, a marketing and bargaining affiliate of Pennsylvania Farmers Association, attributed this high import figure to Argentina's "tremendous inflation rate," because "they'll do anything to get currency into their country. They need to export all they can."

Argentina has been quoted by U.S. officials as having had an inflation rate anywhere from 140 percent to as much as 400 percent last year.

According to Donaldson, the amount of concentrate coming into the country translates into so many raw apples. If the concentrate wasn't available, then processors would have to buy apples locally, thus increasing sales for Adams County producers, as well as for Franklin, Lehigh, Berks, and York counties' producers — four other top producers in apples.

Though on the surface the problem seems to be a simple matter of supporting American

(Turn to Page A38)

Livestock market and auction news

Lancaster Market

Monday, July 12
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1448	114	1072	355
Last Monday	1048	44	1074	76
Last Year	1464	74	1291	181
Monday's Auction	1340	125	1080	343
Last Monday's Auction	952	44	1110	92

CATTLE: Compared to last Wednesday slaughter steers firm to 1.00 higher; heifers steady to 1.00 lower; cows steady to firm; bullocks steady; bulls steady to firm. Supply included 69 percent slaughter steers, 9 percent heifers, 7 percent cows, and 15 percent bulls.

SLAUGHTER STEERS: Choice and Prime 3-4 1220-1605 lb. 70.50-73.50, few 74.00; Choice 2-4 1020-1350 lbs. 67.00-70.50; mixed Good and Choice 2-3 1000-1250 lb. 64.50-67.25; Good 2-3 950-1250 lb. 60.00-65.00; Good 2-3 Holsteins 1050-1250 lb. 55.00-59.00.

SLAUGHTER HEIFERS: Choice and Prime 3-5 1100-1235 lb. 67.00-69.60; Choice 2-4 850-1040 lb. 60.00-64.25; mixed Good and Choice 2-3 825-1030 lb. 56.00-60.00; Good 2-3 840-1100 lb. 52.50-58.00.

COWS: Utility and Commercial 1-3 45.00-49.00, few 49.00-50.00; Cutter 1-2 43.00-45.00; Canner and low Cutter 41.00-43.00.

BULLOCKS: Few Choice 1150-1210 lb. 57.60-58.85; Good 865-1295 lb. 50.75-56.50.

BULLS: Yield grade 1 1260-1950 lb. indicating 79-82 carcass boning percent 59.50-61.75; yield grade 1-2 1150-1915 lb. indicating 75-79 percent 55.00-59.00; yield grade 2 870-1740 lb. indicating 72-76 percent 49.50-55.00.

VEAL CALVES: Vealers steady.

VEALERS: Prime special fed 250-300 lb. 105.00-110.00; mixed Choice and Prime 150-300 lb. 85.00-100.00; Choice 150-300 lb. 75.00-85.00; high Good and low Choice 120-250 lb. 65.00-75.00.

SLAUGHTER CALVES: Choice 300-400 lb. 50.00-62.00.

RETURNED TO FARM: Holstein heifers 95-130 lb. 80.00-95.00; Holstein bulls 95-115 lb. 80.00-90.00.

SHEEP: Spring lambs and slaughter ewes steady.

SPRING LAMBS: Choice and Prime 90-110 lb. 64.00-70.00; Choice 90-110 lb. 58.00-65.00; mixed Good and Choice 50.00-57.00.

SLAUGHTER EWES: Utility and Good 25.00-32.00.

GOATS: All goats sold by the head, mainly 25.00-35.00.

Vintage Auction

Tuesday, July 13
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1270	932	20
Last Tuesday	1289	896	27
Last Year	1296	828	46

CATTLE: Compared to last Tuesday slaughter steers steady to weak; slaughter heifers poorly tested; cows 1.00 lower; bullocks and bulls steady. Supply included 72 percent slaughter steers and 22 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1565 lb. 70.75-73.10, few 73.35-74.25; Choice 2-4 1020-1265 lb. 67.00-70.85; high Good and low Choice 2-3 960-1200 lb. 64.00-67.00; Good 2-3 985-1200 lb. 60.00-64.00; mixed Good and Choice Holsteins 1230-1460 lb. 58.00-61.00; Standard and Good 1050-1350 lb. 52.00-56.25.

SLAUGHTER HEIFERS: Few Choice 2-4 900-1105 lb. 60.75-64.00; Good 2-3 870-1010 lb. 56.00-59.00.

COWS: Utility and Commercial 3-5 44.75-48.00, few 48.50-50.50; Cutter 1-2 42.00-46.50 Canner and low Cutter 38.00-42.75.

BULLOCKS: Few Good 840-1215 lb. 53.85-57.75.

BULLS: Yield grade 1 1265-1745 lb. indicating 79-81 carcass boning percent 60.00-61.75; yield grade 1-2 1125-2330 lb. indicating 76-79 percent 55.00-60.00; yield grade 2 1125-1505 lb. indicating 72-76 percent 50.00-55.00.

VEAL CALVES: Vealers steady to 1.00 higher. Supply included 653 in graded sale of which 60 percent sold to return to farm.

VEALERS: Choice 125-250 lb. 73.00-79.00; high Good and low Choice 110-240 lb. 63.00-73.00, 80-110 lb. 58.00-65.00, 70-80 lb. 55.00-59.00; few Standard 55-75 lb. 38.50-48.50.

RETURNED TO FARM: 42 head 100-115 lb. Holstein heifers 100.00-132.00; 35 head 90-95 lb. 116.00-122.00. 26 head 120-125 lb. Holstein bulls 84.00-86.00; 174 head 100-115 lb. 83.00-85.00; 57 head 90-95 lb. 63.00-65.00.

SHEEP: Poorly tested.

Lancaster Auction

Wednesday, July 14
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	374	23	784	1
Last Wednesday	315	31	1067	37
Last Year	603	19	1028	4
Wednesday's Auction	370	23	759	0
Last Wednesday's Auction	274	30	1059	37

CATTLE: Compared to Monday slaughter steers fully 1.00 lower, other represented slaughter classes near steady. Supply included 67 percent slaughter steers.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1180-1435 lb. 68.75-69.75, individual 70.10; Choice 2-4 1000-1400 lb. 66.00-69.00; mixed Good and Choice 2-3 975-1240 lb. 63.60-66.50; Good 2-3 980-1245 lb. 60.00-64.50.

SLAUGHTER HEIFERS: Choice 2-4 1085-1400 lb. 60.00-61.85; mixed Good and Choice 2-3 935-1185 lb. 55.00-60.00.

COWS: Utility and Commercial 3-5 44.50-48.75; Cutter 1-2 41.25-43.25; Canner and low Cutter 39.50-41.25.

BULLOCKS: Good 950-1245 lb. 51.10-57.25.

BULLS: Yield grade 1-2 1165-1720 lb. indicating 75-79 carcass boning percent 54.25-58.60; yield grade 2 920-1480 lb. indicating 73-76 percent 50.00-55.00.

VEAL CALVES: Untested.

SHEEP: Untested.

New Holland Livestock

Thursday, July 16
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1477	500	13	24
Last Thurs.	2150	546	17	8
Last Year	1647	496	60	

CATTLE: Compared to last Thursday slaughter steers .50 to fully 1.00 lower, instances 1.50 lower; slaughter heifers poorly tested, limited offerings 1.00 lower; cows steady to 1.00 lower; bulls and bullocks steady. Supply included 70% steers and 19% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1120-1410 lb. 68.50-71.75, some to 73.25; Choice 2-4 1050-1320 lb. 65.50-69.00, few 69.50, 980-1050 lb. 63.75-66.50; high Good and low Choice 2-3 1000-1290 lb. 63.00-66.50; Good 2-3 975-1290 lb. 59.25-64.00; Good Holsteins 1155-1345 lb. 54.85-56.75; mixed Standard and Good 50.50-56.00.

SLAUGHTER HEIFERS: Few Choice 2-4 1050-1240 lb. 59.00-61.35; Good 2-3 730-1000 lb. 54.25-59.25.

COWS: Commercial 3-5 43.50-47.75; Utility 1-3 46.50-49.85; Cutter 1-2 43.5-47.75; Canner and low Cutter 38.50-43.75.

BULLOCKS: Good 990-1285 lb. 52.50-59.00.

BULLS: Yield grade 1 1330-1665 lb. indicating 79-82 carcass boning percent 57.50-60.25; yield grade 1-2 1025-1790 lb. indicating 76-79 percent 53.85-58.00; yield grade 2 950-1290 lb. indicating 73-76 percent 50.00-54.50.

VEAL CALVES: Vealers firm to mostly 3.00 higher. Demand good for calves to return to farm.

VEALERS: Choice 200-300 lb. 84.00-94.00, few to 105.00; high Good and low Choice 180-350 lb. 65.00-85.00, 120-180 lb. 60.00-74.00, 80-120 lb. 58.00-66.00, 60-80 lb. 46.00-60.00.

RETURNED TO FARM: 90-120 lb. Hosltein bulls 80.00-94.00, 80-90 lb. 64.00-85.00; 90-115 lb. Holstein heifers 80.00-90.00, 80-90 lb. 60.00-80.00.

SHEEP: Poorly tested.

GOATS: All goats sold by the head, mostly 14.00-34.00.

Lancaster Co. Weekly

Friday, July 16
Report supplied by USDA

	Cattle	Calves
This Week	4925	1570
Last Week	5194	1523
Last Year	4911	1417

CATTLE: Slaughter Steers weak to 1.00 lowers, instances 1.50 lower; Slaughter Heifers mostly 1.00 lower; Cows steady to fully 1.00 lower; Bullocks and Bulls steady. Supply included 64% Slaughter Steers, 5% Heifers, 13% Cows, 9% Bulls, Balance Mainly Feeder Steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1605 lb. 68.50-71.75, Several 71.75-73.50 Early, few 73.50-74.25; Choice 2-4 1020-1400 lb. 65.50-69.00, these 67.00-70.85 early, some 980-1050 lbs. 63.75-66.50; High Good and Low Choice 2-3 960-1290 lb. 63.00-66.50; Good 2-3 975-1290 lb. 59.25-64.50; High Good and Low Choice Holsteins 1230-1460 lb. 58.00-61.00, Good 1050-1345 lb. 54.85-59.00; Standard and Good 1050-1350 lb. 50.50-56.25.

SLAUGHTER HEIFERS: High Choice and Prime 3-5 1100-1235 lb. 67.00-69.60 early; Choice 2-4 850-1400 lb. 59.00-61.85, few up to 64.25 early; high Good and Low Choice 2-3 825-1185 lb. 55.00-60.00; Good 2-3 730-1100 lb. 52.50-58.00, few 59.25.

COWS: Utility and Commercial 1-4 mostly 44.50-48.75, high dressing and high boning percent Utility 48.75-50.50; Cutter 1-2 42.00-47.75; Canner and low Cutter 38.00-43.75.

BULLOCKS: Choice 1150-1210 lb. 57.60-59.00; Good 50.75-57.75.

BULLS: Yield Grade 1 1260-1950 lb. indicating 79-82 carcass boning percent 57.50-61.75; Yield Grade 1-2 1025-2330 lb. indicating 75-79 percent 53.85-60.00; Yield grade 2 870-1740 lb. indicating 72-76 percent 49.50-55.00.

VEAL CALVES: Vealers firm to 3.00 higher. Demand Good for Calves to Return To Farm.

VEALERS: Choice 125-300 lb. mostly 79.00-94.00 few to 110.00; High Good and low Choice 180-350 lb. 65.00-85.00, 120-180 lb. 60.00-74.00, 80-120 lb. 58.00-66.00, 60-80 lb. 46.00-60.00.

RETURNED TO FARM: 95-120 lb. Holstein Bulls 80.00-94.00, 80-90 lb. 63.00-85.00; 90-115 lb. Holstein Heifers 80.00-132.00, 80-90 lb. 60.00-30.00.

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Hog Markets

Lancaster Feeder Pigs

Tuesday, July 13
Report supplied by USDA

Today	918
Last Tuesday	856
Last Year	1339

TREND: Compared to last Tuesday feeder pigs sold weak to 10.00 lower, with bulk of supply US 1-2 40-49 lb. at the full decline. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 17 head 20-30 lbs. 138.00-152.00; 114 head 31-39 lbs. 129.00-150.00; 470 head 40-49 lbs. 113.00-126.50; 133 head 50-59 lbs. 94.50-112.00; 37 head 60-76 lbs. 82.00-97.00.

US 2-3 6 head 20-22 lbs. 150.00-158.00; 15 head 27-38 lbs. 107.00-140.00; 46 head 44-57 lbs. 90.00-115.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, July 10
Report supplied by auction

790 head.

US #1 210-235 lbs. 65.50-67.00; U.S. 1&2 210-245 lbs. 63.75-64.50; U.S. 2&3 210-255 lbs. 63.00-63.75; lightweight 190-205 58.50-62.25; Sows 350 lbs. and up 54.00-57.00; Boars 200-300 lbs. 52.00-54.00; 300 lbs. and up 47.00-47.50.

New Holland Hogs

Monday, July 12
Report supplied by USDA

Today	1361
Last Monday	1188
Last Year	1343

TREND: Trend not comparable, because of holiday last Monday.

BARROWS AND GILTS: US 1-2 205-250 lb. 63.85-64.35; US 1 210-250 lb. 64.50-65.00, Few Selected 66.85-67.00. US 1-3 210-250 lb. 63.00-63.75.

Lancaster Hogs

Monday, July 12
Report supplied by USDA

HOGS: Barrows and gilts 50-75 higher.

BARROWS AND GILTS: US 1-2 200-250 lbs. 63.50-64.25; US 1 210-245 lbs. 64.50-65.50; US 1-3 210-265 lbs. 62.75-63.25, 190-210 lb. 58.75-60.50.

Tuesday, July 13

TODAY	400
LAST TUESDAY	185
LAST YEAR	296

TREND: Barrows and gilts steady, instances 25-50 higher.

BARROWS AND GILTS: US 1-2 200-250 lbs. 63.75-64.25; US 1 210-245 lb. 64.50-65.50; US 1-3 210-265 lb. 63.25-63.75.

Wednesday, July 14

HOGS: Barrows and gilts mostly 50 lower; sows no recent price test.

BARROWS AND GILTS: US 1-2 210-245 lb. 63.25-63.75; US 1 220-240 lb. 64.00-65.25; US 2-3 210-245 lb. 62.50-63.25, 245-265 lb. 61.50-62.50.

SOWS: US 1-2 350-400 lb. 54.50-55.50; 400-500 lb. 55.50-57.00; 500-620 lb. 57.00-57.75. US Medium 290-420 lb. 48.50-50.50.

BOARS: Over 300 lb. 48.00.

New Holland Feeder Pigs

Wednesday, July 14
Report supplied by USDA
Feeder Pigs

Today	600
Last Wednesday	557
Last Year	484

TREND: Compared to last Wednesday feeder pigs weak to 10.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 60 head 15-27 lbs. 138.00-140.00; 98 head 30-39 lbs. 127.00-134.00; 115 head 40-48 lbs. 110.00-140.00; 61 head 53-59 lbs. 94.00-116.00; 31 head 65-82 lbs. 83.00-89.00.

US 2-3: 29 head 25-26 lbs. 134.00-138.00; 61 head 32-37 lbs. 110.00-128.00; 36 head 40-49 lbs. 100.00-117.00; 14 head 69 lbs. 88.00.

Utility: 51 head 15-36 102.00-106.00.

Carlisle Feeder Pig

Carlisle, PA
Friday, July 9

269 - First monthly special state graded feeder pig sale. Large crowd in attendance. Strongest demand for 50-70 lb. pigs and pigs with tails docked. All pigs weighed on arrival and sold by the pound.

US No. 1&2: 32-43 lbs. 120.00-160.00 (mainly 120.00-124.00 higher for heavier pigs with docked tails). US No. 1&2: 42-57 lbs. 110.00-124.00, US No. 2: 28-38 lbs. 117.00-120.00; US No. 2: 40-49 lbs. 105.00-122.00; US No. 1&2: 53-73 lbs. 92.50-93.00; US No. 2&3 29-54 lbs. 103.00-124.00; US No. 3: 42-55 lbs. 67.50-99.00.

Indianapolis Hogs

Thursday, July 15

HOGS: 1000. Barrows and gilts slow, 50 lower. US 1-2 210-260 lb. 61.00-61.25, 30 head 61.50.

SOWS: Moderately active, steady-1.00 higher. (8%) US 1-3 400-480 lb. 53.00-54.00; 490-560 lb. 55.50-56.50.

BOARS: Under 250 lb. 53.00; over 350 lb. 50.00-50.50.

Peoria Hogs

Thursday, July 15
Report supplied by USDA

HOGS: 3000. Barrows and gilts fairly active, weak to 25, instances 50 lower. US 1-2 220-240 lb. 60.50-61.00, 200 head 61.25-61.50; US 1-3 220-250 lb. 60.00-60.50.

SOWS: Under 500 lb. 25-50 lower, over 500 lb. fully steady instances 50 higher. US 350-500 lb. 52.50-53.50, mostly 53.00 (13%) 500-650 lb. Mostly 54.00-54.50.

BOARS: Over 350 lb. 50.00; under 350 lb. 51.00-56.00.

St. Louis Hogs

Thursday, July 15
Report supplied by USDA

HOGS: 4000. Barrows & gilts rather slow, steady to 25 lower. US 1-2 230-250 lb. 60.50-60.75, about 250 head 230-245 lb. 61.00; 220-230 lb. 60.00-60.50; 200-220 lb. 59.50-60.00. US 1-3 230-250 lb. 59.75-60.50; 250-270 lb. 58.75-59.75.

SOWS: Steady-1.00 lower. (About 10%) US 1-3 300-500 lb. 52.50, over 500 lb. 53.50-56.50.

BOARS: Over 260 lb. 1.00; 200-260 lb. 54.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, July 15
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)			
513,000	36,000	1,152,000	100,000
Same Period Last Week (Est.)			
386,000	30,000	842,000	74,000
Same Period Last Year (Act.)			
472,000	36,000	1,145,000	79,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday July 15)

	Corn	Wheat	Soybeans	Soybean Meal
July	2.70½	3.38¼	6.27½	183.00
Sept.	2.64½	3.51		
Oct.				181.00
Nov.			6.23	
Dec.	2.64½	3.74		184.70
Jan.			6.38	

Trend - Corn is lower, Wheat is higher, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday July 15)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
July		60.97	
Aug.	64.77		
Oct.	62.90	57.17	
Nov.			7.15
Dec.	62.85	56.70	

Trend - Cattle are lower, Hogs are higher. Potatoes are higher.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

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Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, July 20 at 1:00 P.M.

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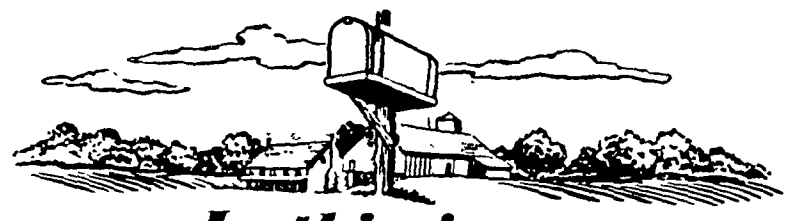
Keeping Abreast With The Times



In this issue

Editorials

Editorially speaking	A10
Our readers write	A10

Columns

Now is the time	A10
Brockett's Ag Advice	A21
Ida's Notebook	B9
Seeding, weeding	B12
Ladies, have you heard?	B22
On being a farm wife	B26
That s a good question	B28
Dairy Pipeline	B31

Home and Youth

Homestead Notes	B2
Home on the Range	B6
Kid s Korner	B10
4 H state winners	B14
Farm Women	B19

Dairy

Berks Holstein Field Days	A25
Smiling Holsteins	A26
Dairy princess seminar	B20
Dairy Photo Album	B16
Milk in Hershey's chocolate	B27
Lancaster DHIA	B30
Adams DHIA	B34
Lebanon DHIA	D35
The Dairy Business	B36
Perry DHIA	D37

Departments

Farm Calendar	A12
Mailbox Markets	B38
Public Sale	B42
Farm Business	C2
Classified Ads	C9

Poultry Markets

N. E. Weekly Shell Egg Report

Tuesday, July 13
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	90-92	85-89	72-77	39-47
Mostly	90-	87-88	75-76	43-45
N. HAMP.	85-91	81-87	69-75	36-42
Mostly	87-88	83-85	71-72	38-39
R.I.	94-95	90-91	78-79	48-49
VERMONT	90-99	87-95	74-85	–
Mostly	92-93	87-89	76-79	–
MAINE	90-92	87-88	74-76	41-43

X Includes Central and Western Sections only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	July 13 Tuesday	July 15 Thursday
Class 1 - Large	48 lbs.	54	50½
Class 2 - Large	45 lbs.	48	45½
Class 3 - Medium	42 lbs.	39	39
Class 4 - Small	39 lbs.	32	32
Breaking Stock	48 lbs.	43	42
Checks	48 lbs.	38½	37½

Baltimore Eggs

Thursday, July 15
Report supplied by USDA

MARKET COMMENT: Prices unchanged to moving lower. Movement dull and on the quiet side. Interest lacking. Undertone continues in weak position.

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.

Grade A Large	66-75.
Grade A Medium	53-62.

New York Multiple Drop Broiler Report

Thursday, July 15
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 46-53½, 1350 boxes; Branded (X) U.S. Grade A 48½-55, 6387 boxes.

WTD. AVG.: U.S. Grade A 48.68; Branded (X) 51.63.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, July 12
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.30-1.48 per lb.

MUSCOVY DUCKS, HENS: range 1.22-1.38 per lb.

PEKING DUCKS: range .64-.76 per lb.

RED FOWL: 4-5 lbs. range .15-.22 per lb.

RED FOWL: 5-6 lbs. range .24-.34 per lb.

LEGHORN ROOSTERS: .15-.22.

BROILERS: 3-6 lbs. .20-28.

CROSSBRED FOWL: 5-9 lbs. range .18-.30 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.72 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .15-.40 per lb.

GUINEA FOWL: range 1.85-2.02 per lb.

BANTY ROOSTERS: range 3.00-4.85 ea.

BANTY HENS: range .50-1.25 ea.

GEESE: 7-12 lbs. range .32-.58 per lb.

PIGEONS: range .65-1.00 ea.

WHITE PIGEONS: range 1.25-2.00 ea.

RABBITS: 4-6 lbs. range .15-.52 per lb.

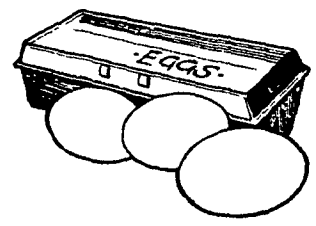
RABBITS: 7-10 lbs. range .15-.30 per lb.

GUINEA PIGS: range .10-.60 ea.

GOATS: range 55 head 18.00-63.00 ea.

KID GOATS: 20.00-32.00 ea.

TOTAL AMOUNT COUPS: 824.



Weekly New York Egg Market

From Friday, July 9 to July 16

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	79	79	78	76	74
Ex Large	74	74	72	70	68
Large	70	70	68	66	64
Mediums	57	57	55	53	50
Pullets	39	39	38	37	37
BROWN					
Jumbo	99	99	98	97	95
Ex Large	90	90	88	86	84
Large	85	85	83	81	79
Mediums	70	70	68	66	63
Pullets	39				
Peewees	Unquoted				
Off Grade					
Large	60	60	58	56	54
Checks	33	33	32	31	31

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Delmarva Poultry

Thursday, July 15
Report supplied by USDA

MARKET COMMENT: RTC movement light and unaggressive. Advance interest slow in developing as most sellers find retail interest close to nil. Parts prices working lower on most items but are a shade better than whole birds. Slaughter schedules heavy but moderating slightly at some plants. Live supplies fully adequate. Undertone steady to weak.

Today's L.T.L. asking prices one to two cents lower on U.S. Grade A at 46-51 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Philadelphia Eggs

Thursday, July 15
Report supplied by USDA

MARKET COMMENT: Cartoned egg orders irregular, but usually sufficient to keep floor stocks in good balance. Additional offerings fully adequate to ample. Undertone barely steady.

Prices to Retailers: Sales to volume buyers, consumer grade: white eggs in cartons delivered store door:

A Extra Large 66-74; A Large 65-69; A Medium 51-56.

Eastern Pa. & N.J. Poultry

Wednesday, July 14
Report supplied by USDA

Light Type Hens: 3½-5, mostly 4-5.

F.O.B. Plant: 7-7½.

Heavy Type Hens: TFTR.

Lancaster Farming

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Hay Markets

New Holland Hay
New Holland Sales Stables
Monday, July 12
Report supplied by auction

104 loads; market lower than last week on all hay and corn and steady on straw.

Alfalfa, Choice none on sale; first cutting medium quality 75.00-111.00; Mixed choice 90.00-115.00; medium 70.00-90.00; few loads rain damaged or moldy 60.00-70.00; Timothy choice 85.00-96.00; medium 75.00-85.00; Straw 68.00-78.00; Grass hay 55.00-75.00, one load at 93.00; Clover 75.00-93.00; Ear Corn 85.00-90.00; Oats 2.05-2.75 bu.

Good's Hay
Leola, Pa.
Wednesday, July 14
Report supplied by auction

53 loads.

Mixed 50.00-120.00; Clover 72.00-95.00; Corn 57.00-101.00; Straw 62.00-77.00; Timothy 59.00-117.00; one Alfalfa 120.00; one Oats 2.00 bu.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, July 14
Report supplied by auction

7 loads.

Alfalfa 80.00-113.00; Mixed 80.00; Straw 62.50-68.00.

New Wilmington Hay
New Wilmington, Pa.
Friday, July 2
Report supplied by PDA

13 loads hay and 2 loads straw.

Mixed hay 62.00-80.00; Timothy hay 69.00-86.00; Clover, 2 loads 73.00 and 76.00; Straw 71.00 and 79.00; Ear Corn, 11 loads 71.00-80.00; Oats, 2 loads $2.55 and $2.70 per bushel.

Regional Hay
Friday, July 9
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay and Straw mostly steady.

Alfalfa 80.00-100.00,; Mixed hay 65.00-80.00; Timothy hay 60.00-80.00; Straw 35.00-50.00; Mulch 25.00-35.00.

Green Dragon Hay
Ephrata, Pa.
Friday, July 9
Report supplied by PDA

57 Loads hay and 15 loads straw.

Alfalfa 71.00-101; Mixed hay 50.00-105.00, mostly 55.00-91.00; Timothy hay 88.00-101.00; Clover, one load at 95.00; Orchard Grass, one load at 75.00; Straw 58.00-75.00, one load at 80.00; Ear Corn, 18 loads 88.00-96.00; Oats, one load, $2.00 per bushel.

Belleville Hay
Belleville, Pa.
Wednesday, July 7
Report supplied by PDA

7 loads hay.

Mixed hay 76.00-94.00; Timothy hay 75.00-80.00.

Pa. Grain
Tuesday, July 6
Report supplied by PDA

Compared with last Tuesday's market for Southeastern, Central and South Central Pa.: Corn steady to 5 cents higher. Wheat steady to weak-harvest is underway in southern counties. Barley unevely steady. Oats steady to weak. Ear Corn to $4 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.80-3.05, few reported down to 2.70, average 2.88, New Crop 2.55-2.58; Wheat No. 2 range 2.95-3.25, average 3.15; Barley No. 3 range 1.75-2.00, average 1.87; Oats No. 2 range 1.90-2.15, average 2.02; Soybeans No. 1 New Crop 5.70-6.00; +Buckwheat New Crop 10.55; Ear Corn range 75.00-85.00, average 80.20.

Central Pa.

Corn No. 2-y range 2.70-2.95, average 2.81; Wheat No. 2 range 2.90-3.25, average 3.01; Barley No. 3 range 1.75-2.00, few reported 2.20, average 1.95; Oats No. 2 range 1.60-2.10, average 1.85; Ear Corn range 70.00-78.00, average 74.64.

South Central Pa.

Corn No. 2-y range 2.55-2.70, few reported 2.81, average 2.66; Wheat No. 2 range 2.85-3.00, few reported 3.20, average 2.96; Barley No. 3 range 1.80-2.00, average 1.89; Oats No. 2 range 1.80-2.10, average 1.94; Ear Corn range 70.00-78.00, average 72.50.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.65-3.00, average 2.82; Wheat No. 2 range mostly 2.90-3.25, average 3.07; Barley No. 3 range 1.75-2.00, average 1.90; Oats No. 2 range 1.70-2.10, average 1.93; Ear Corn 70.00-85.00, average 76.48.

Western Pa.

Corn No. 2-y range 2.50-2.70, few reported 2.90, average 2.64; Wheat No. 2 range 3.00-3.05, average 3.01; Barley No. 3 range 1.70-2.05, average 1.92; Oats No. 2 range 2.00-2.10, average 2.05; Ear Corn range 70.00-74.00, average 72.00.

Livestock market and auction news

Morrison Cove Auction
Martinsburg, PA
Monday, July 12
Report Supplied by Auction

CATTLE 277: High Choice & Prime slaughter steers 66.00-67.10, Choice 64.50-66.10, Good 60.25-62.50, Standard 56.50-60.25, Utility 48.50-56.50. Choice slaughter heifers 62.50-64.50, Good 57.50-61.50, Standard 52.50-58.50, Utility 48.50-56.50. Utility & Commercial slaughter cows 46.50-50.25, Cutters 42.50-46.50, Canner & Low Cutter 37.50-41.50, Shells down to 28.00. Choice slaughter bullocks 58.50-60.25, Good 56.50-58.25, Standard 50.25-54.50, Utility 48.50-50.25. Yield Grade #1 slaughter bulls 56.50-58.25; yield grade #2 50.25-54.50. Choice feeder steers 58.50-60.25, Good 50.50-58.50, Medium 46.50-52.50; Good feeder heifers 52.50-58.50, Medium 45.00-51.50.

CALVES 364: Prime vealers 92.50-102.00, Choice 86.50-91.50, Good 72.50-84.50, Standard & Good 110-130 lbs. 65.00-72.50, 90-110 lbs: 60.50-65.25, 70-90 lbs. 40.00-60.50. Farm calves, holstein bulls 90-130 lbs. 82.50-101.00; holstein heifers 90-150 lbs. 72.50-132.50.

HOGS 425: US No. 1-2 200-240 lbs. barrows & gilts 63.25-67.25, No. 1-3 200-240 lbs. 62.50-63.25, No. 2-3 200-260 lbs. 60.25-62.50, No. 2-4 200-270 lbs. 58.25-60.25, No. 1-3 170-185 lbs. 53.50-55.50. US No. 1-3 450-600 lbs. sows 53.50-55.25, No. 2-3 300-450 lbs. 51.50-53.50.

FEEDER PIGS 66: US No. 1-3 25-40 lbs. feeder pigs 35.50-50.50 per head, No. 1-3 40-60 lbs. 50.50-52.50 per head.

SHEEP 16: Utility 50-80 lbs. spring slaughter lambs 48.50-52.50. Slaughter ewes 15.00-22.50. GOATS 20: 17.00-61.00 per head.

Shenandoah Valley Livestock
Harrisonburg, Va.
Saturday, July 10
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 58.00-64.00; 500-700 lbs. 56.50-62.50; 700-1000 lbs. 58.25-62.50; Holstein 300-1000 lbs. 50.00-56.50. Feeder Bulls: M&L-1 300-500 lbs. 55.00-60.00; 500-700 lbs. 55.50-60.50; 700-1000 lbs. 48.50-53.50. S-1&M&L-2 300-500 lbs. 48.00-51.00; 500-700 lbs. 41.00-44.00; 700-1000 lbs. 45.00-48.00. Heifers: M&L-1 300-500 lbs. 47.50-55.00; 500-700 lbs. 49.50-53.00; 700-800 lbs. 50.00-52.00. S-1&M&L-2 44.00-46.00. Stock Cows: Beef 350.00-500.00; Baby Calves 40.00-90.00 mostly 50.00-70.00.

SLAUGHTER COWS: 2.00 lower. Utility & Commercial 2-4 37.00-44.75; Canner & Cutters 1-3 30.00-38.50.

SLAUGHTER BULLS 1 & 2 45.00-54.00.

LAMBS: 1.00 lower High Choice & Prime 58.25; Choice 50.25; Slaughter Ewes 14.50-20.25.

HOGS: US 1-3 200-240 lbs. 60.00; Sows 1-3 50.00-57.00; boars 46.50.

VEAL: Choice & Prime 60.00-68.00; Good 52.00-60.00.

SLAUGHTER CALVES: Good & Choice 52.00-58.00.

Valley Livestock
Valley Stockyards
Athens, Pa.
Monday, July 12
Report supplied by auction

Total No. of Head 512. Hay 53.00-60.00 per ton.

Holstein Hfr. Calves to 90.00; Veal Calves to 89.00; Vealer Bull Calves 80.00-103.00; Slaughter Calves 62.00-70.00; Grassers & Feeders 34.00-68.00; Lambs 52.00-60.00; Sheep 18.00-29.50; Hogs, 200-250 lbs. 54.00-61.50; Sows 46.00-53.00; Boars 41.00-48.50; Pigs 18.00-30.00; Heifers 44.00-51.25; Steers medium 42.00-49.50; Steers feeder 38.00-58.50; Bulls 43.00-53.00; Cows, utility 43.00-45.75; Cows, fat 42.00-45.00; Cows, medium 38.00-40.00; Cows, poor or small 32.00-36.00; Horses small to 360.00; Goats 12.00-45.00.

Cattle Market real good. Calf Market higher. Remarks: Vealer bull calves higher.

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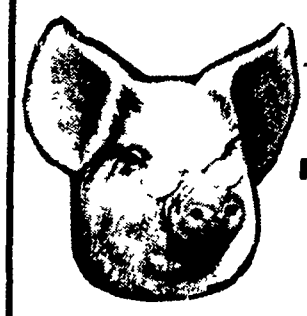

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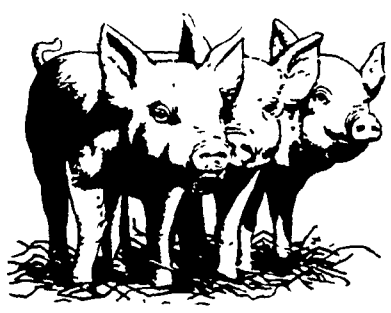

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REGISTERED HOLSTEIN COWS AND HEIFERS

ROUND OAK RAG APPLE ELEVATION, 83 pts. 3rd calf due 8/15/82 to S-W-D Valiant. 2-1, 341, 16,436, 632, 3.8.

WHIRLHILL KINGPIN, 82 pts. Fresh 5/27/82 milking 75 lbs.

WILLOW-FARM ROCKMAN IVANHOE, 2nd calf due 8/25/82 to New Hope. 2-2, 294, 12,186, 543, 4.5.

WHIRLHILL KINGPIN, 82 pts. due 8/27/82 to Sweet-Haven Tradition. 6-3, 282, 15,440, 598, 3.9.

HILLHAVEN STANDOUT JOB, 3rd calf due 7/15/82 to S-W-D Valiant. 3-4, 329, 18,721, 727, 3.9.

LETTERS BURKGOV TRUMP, 1st calf due 8/13/82 to Board Chairman. Dam Gay Ideal - 2nd dam Whirlhill Kingpin.

HILLHAVEN STANDOUT JOB, 1st calf due 7/15/82 to Dunwood Chief Delta-ET.

SHARDALE ARLINDA CHIEF JEMINI, 1st calf due Sept.

VALLEY-POND IVAN STAR DAN, 1st calf due 11/14/82.

REGISTERED HOLSTEIN BULLS

STRAIGHT-PINE ELEVATION PETE, born 3/24/81. Dam Ex 90 Whirlhill Kingpin 3-6, 368, 21,373, 962, 4.5. 2nd dam Ex 90 Haysen High Hope.

GLEN-VALLEY STAR, born 3/3/81. Dam Ex 91 2E Elevation 5-1, 365, 24,069, 880, 3.7. 2nd Dam Ex 90 Kingpin 9-5, 305, 19,878, 729, 3.5

GIL-TEX-B MILKMASTER-TWIN, born 11/19/81. Dam VG 85 Elevation 3-3, 305, 17,461, 567, 3.3. 2nd Dam VG 87 Charmcross 6-5, 365, 22,014, 845, 3.8.

Transportation and financing available.

STEVE KELLER 717-653-2284
BOB KELLER 717-653-1523
Office: 717-653-4851

Livestock market and auction news

Carlisle Auction

Carlisle, Pa.
Tuesday, July 13
Report supplied by auction

CATTLE: Strong demand; Market Very Active; Prices Higher! Steers: Prices 2.00 higher; Choice 68.00-69.00; Good 58.75-62.25; Standard 55.00-57.25; Utility 48.25. Heifers: Prices 2.00 to 2.50 higher; Choice 57.00-59.50; Good 52.50-55.75; Standard 47.50-49.75 Utility 44.00. Cows: Prices 4.00 higher; Utility & Commercial 44.00-48.50; Cutter 42.85-45.00; Canner & Low Cutter 37.10-42.00; Shells 36.85 Down. Bullocks: (Beef Bulls) No choice offered. Good 50.00-55.10. Bulls: No. 1's offered; Yield grade No. 2: 52.75-54.00.

FEEDERS: Very active; Strong Demand; Prices higher. Steers: No Choice offered; Prices 6.00 to 7.00 higher; Good 200-250 lbs. 62.00-70.00 Medium 300-320 lbs. 51.00-60.00 Medium 620-665 lbs. 54.00-59.00. Heifers: No choice or good offered; prices 3.00 higher Medium 180-310 lbs. 50.00-55.00 Medium 390-460 lbs. 46.00-49.00 Medium 460-560 lbs. 48.00-49.00. Bulls: No choice or good offered; Prices 2.00 to 4.00 higher. Medium 437-520 lbs. 42.50-52.00 Medium 630-640 lbs. 51.00-53.00 Medium 790-795 lbs. 48.00-48.50.

CALVES: Vealers: 7.00 lower Choice 75.00-89.00; Good 60.00-75.00; Standard & Good 50.00-65.00; Farm Calves: Hol. Bulls 89.00-97.00.

HOGS: Prices steady to .15 lower. US No. 1-2; 61.10-63.85. US No. 1-3; 59.00-62.00. Sows: Prices 2.00 higher US No. 1-3; 55.50-58.00, US No. 2-3; 53.00-55.00. Boars: 4.00 lower; 45.25.

FEEDER PIGS: Prices 2.00 higher; US No. 1-3 20-30 lbs. 26.00-39.00 Hd. No. 1-3; 40-42 lbs. 39.00-44.00 Hd.

SHEEP: Lambs: Feeders 59.00-66.00 Good 46.00-48.50. Goats: Prices 6.00 head higher; 25.00-47.00 Hd.

Dewart Auction

Dewart, Pa.
Monday, July 12
Report supplied by PDA

CATTLE 249: Compared with 2 weeks ago market; Choice No. 2-4 975-1275 lbs. slaughter steers 63.00-68.00, Good 57.50-61.50, couple to 64.00, Standard 49.00-57.25. Choice slaughter heifers 58.00-63.00, few Good 52.75-57.25, few Standard 46.00-48.60. Utility & Commercial slaughter cows 42.00-45.60, Cutters 39.00-43.50, Canner & Low Cutter 37.00-39.50, Shells down to 30.00. Couple Choice slaughter bullocks 59.00-61.00, one Good at 54.75. Yield Grade #1 and #2 900-1600 lbs. slaughter bulls 47.00-55.35.

CALVES 217: Prime vealers 107.00, Choice 85.00-100.00, Good 72.00-95.00, Standard & Good 70-105 lbs. 60.00-65.00. Farm calves, hosltein bulls 85-130 lbs. 63.00-94.00; holstein heifers 75-120 lbs. 70.00-103.00.

HOGS 210: US No. 1-2 200-235 lbs. barrows & gilts 63.10-64.25, one lot 64.70, No. 1-3 200-260 lbs. 62.10-63.10, No. 2-3 260-280 lbs. 59.70-61.40. US No. 1-3 350-780 lbs. sows 51.50-55.25. Few Boars 40.00-45.00.

FEEDER PIGS 228: US No. 1-3 20-35 lbs. feeder pigs 29.00-37.00 per head, No. 1-3 35-50 lbs. 37.00-52.50 per head.

SHEEP 49: Choice 50-95 lbs. spring slaughter lambs 56.00-65.50, Good 50-80 lbs. 50.00-55.00. Slaughter ewes 15.00-25.00.

Joliet Cattle

Thursday, July 15
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 3,000; 4 days last week 2,177; same period a year ago 2,873. Trading slow on Monday; moderate on Wednesday. Slaughter steers mixed Choice and Prime over 1200 lb. ended the week steady, instances. 50 lower compared with Wednesday of last week. Good to average Choice Steers ended the week .50-1.50 lower compared with Wednesday of last week. Slaughter Heifers ended the week .50-1.00, instances 1.50 lower compared with Wednesday of last week. Cows ended the week steady on a limited basis.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1175-1325 lbs. 68.50-69.00 Monday; 69.50, load 70.00 Wednesday. Choice 2-4 1100-1175 lbs. 67.00-68.00 Monday; 66.00-67.00 Wednesday; 1050-1100 lbs. 66.00-67.00 Monday; 65.00-66.00 Wednesday; 1000-1050 lbs. 65.00-66.00 Monday; 64.50-65.25 Wednesday. Mixed Good and Choice 2-3 1000-1200 lbs. 64.00-65.50 Monday; 63.50-65.00 Wednesday. Load Choice 2-3 1650 lbs. Holsteins 62.50 Monday. Standard and Good 2 1000-1300 lbs. Holsteins 55.00-58.00 Wednesday.

SLAUGHTER HEIFERS: Choice few loads with a prime end 2-4 950-1050 lbs. 65.50-66.75, load 67.00 Monday; 65.00-66.00, Load 66.50 Wednesday. Choice 2-4 900-950 lbs. 63.50-65.50 Monday; 62.00-65.00 Wednesday. Choice 800-1000 lbs. 62.00-64.00 Monday; 61.00-62.00 Wednesday. Mixed Good and Choice 2-3 800-1000 lbs. 60.00-64.00 Monday; 58.50-62.00 Wednesday.

SLAUGHTER COWS: Cutter & Utility 1-3 39.00-42.00 Wednesday.

G&M Livestock

Monday, July 12
Duncansville, Pa.
Report supplied by auction

Compared to last week, cows-steady, steers-lower, hogs-steady.

STEERS: Good to Choice 60.00-65.25; Standard to Good 52.00-60.00; Utility 46.00-52.00.

HEIFERS: High Choice and Prime 62.00-64.10; Good to Choice 54.00-60.00; Standard 48.00-54.00; Utility 46.00-48.00.

FEEDER STEERS: Good to Choice 300 to 600 lbs.; 50.00-60.00; Good Heifers 48.00-56.00.

BULLS: 1100-1950 lbs. 56.00-65.25; 900-1100 lbs. 48.00-56.00.

COWS: High Choice to Prime 48.00-50.00, few to 52.50 & 54.00; Good 44.00-48.00; Standard 42.00-44.00; Utility 38.00-40.00; Cutters 36.00-38.00; Canners Down to 34.00.

CALVES: High Choice 85.00-96.00; Good to Choice 70.00-85.00; Standard to Good 50.00-70.00; Utility down to 35.00.

FARM CALVES: Hol. Bulls 80.00-99.00.

HOGS: 200-240 lbs. 61.00-63.00; 170 to 300 lbs. 57.00 to 61.00.

SOWS: 48.00 to 59.25.

BOARS: 44.00 to 51.00.

LAMBS: 45.00 to 65.00.

SHEEP: 15.00 to 32.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, July 13
Report supplied by auction

Trend: Beef down; steers & heifers consistent.

Beef Cows: Utility and Commercial 42.10-46.85; Cutters 38.60-41.20; Canners 38.10-37.50.

Heifers: Good 58.20-60.10; Standard 53.25-56.95; Commercial 42.10-48.60.

Steers: Good 53.25-59.75; Standard 47.30-52.50.

Bulls: Good 47.25-51.75; Standard 43.50-46.50.

Feeder Cattle: 300-500 lbs. large frame 52.50-60.50; 300-500 lbs. small frame 58.50-53.25; 500-700 lbs. small frame 48.50-52.50.

Veal Calves: Way down. Prime 89.20-100.10; Choice 80.20-88.10; Good 70.10-79.60; Standard 56.60-68.60; Utility 47.60-54.10.

Farm Calves: Bulls 88.10-99.10; Heifers 82.60-89.50.

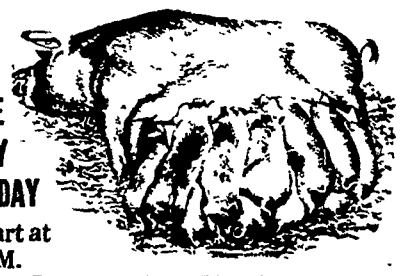
Hogs: 58.25-61.50.

Sows: 52.25-54.25.

Boars: 40.50-46.50.

Shoats: 25-30 lbs. per head 20.00-36.00; 30-35 lbs. per head 44.00-52.00; 35-50 lbs. per head 55.00-70.00.

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna.

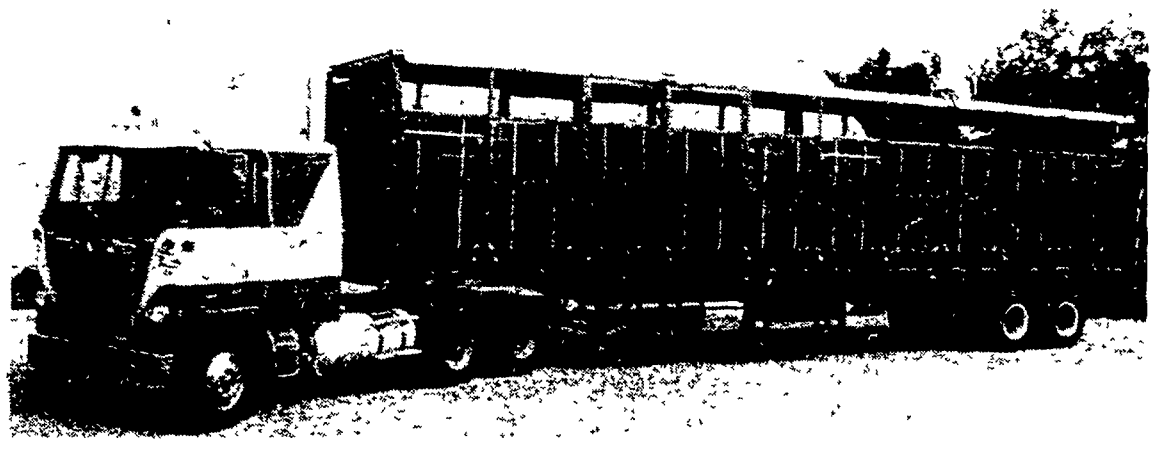


WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.
We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

Zeller Agri Services
High Pressure Washing & Disinfecting
Poultry Houses, Hog Buildings
Calf Barns
Mite & Beetle Spraying
Compiete Ventilation & Security Alarm Specialists
We Now Have 2 Washer Units to Serve You Better
RD 1, Elizabethville, Pa. 17023
717-362-3860

For quotations of next week's prices call collect 215-488-7617 After 2:00 P.M. Wednesday

LESS LABOR
VERY SANITARY



LESS DOA'S
LESS COND.

Buyers of Leghorn Fowl
SECHLER'S POULTRY, INC.
Box G, Strausstown, PA 19559
SCOTT SECHLER
GORDON STAP

BEEFALO FOR SALE
-Semen in stock
-½, ¾, 7/8 animals
BEEFALO N & J
4270 Quakerbridge Rd
Princeton, NJ 08540
609-896-0336

PIGS
STATE GRADED SALE
FRI., JULY 23
1:30 P.M.
at
WESTMINSTER LIVESTOCK AUCTION
Westminster Md
Ph (301)848-9820

Livestock market and auction news

THE OLD FARMER'S ALMANAC

JULY 19-25, 1982

Thunderplumps put picnics in the dumps.

Watch out for vacation sunburns . . . Peter Sellers died July 24, 1980 . . . New moon July 20 (Tues.) . . . Average length of days for the week, 14 hours, 46 minutes . . . A partial eclipse of the sun on July 20 will be visible only from the extreme northwestern part of North America between 7:40 and 8:00 p.m. local time . . . State of crops is known now . . *When the well's dry we know the worth of water.*

Ask the Old Farmer: My father used to say that he could tell whether a rough winter was in store by the condition of the beets in his garden. He would tell us a little ditty abut it, but I can't remember how it went Can you help? C.H., Panama, N.Y

We remember one about onions, nothing about beets. It goes, "Onion skin is very thin, mild winter is comin' in. Onion skin is thick and tough, winter will be cold and rough."

Home Hints: Vinegar is better than turpentine for keeping paint brushes pliable.

OLD FARMER'S WEATHER FORECAST

New England: Hot, with showers, first part of week, rainy and cool to end week.

Greater New York-New Jersey: Thundershowers to start, then clearing; midweek is hot; rain, locally heavy, cool for weekend.

Middle Atlantic Coastal: Week is partly cloudy, with showers and cooler temperatures; hot, rainy weekend.

Piedmont & Southeast Coastal: Thundershowers and warm temperatures through midweek; then sunny and hot, with showers east.

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East Coast Carlot

Wednesday, July 14
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal weak in limited test. Good and Choice Boning Veal steady. Compared to last week, Boneless Beef generally steady in limited test.

VEAL CARCASS
125 Head
PRIME
HIDE ON

180-240 lbs. LTD 150.00, weak.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers: 65-75 lbs. 98.00, all steady; 55-64 lbs. 96.00; 45-54 lbs. 94.00; 35-44 lbs. 92.00; 34 lbs. down 90.00.

Inshipped: No sales reported.

SPRING LAMB CARCASS
1 Load

55 lbs. down 130.00 part loads.

BONELESS BEEF
4 Loads

90% chem lean fresh 114.50, generally steady.

85% chem lean fresh 109.00, generally steady.

CURED AND PROCESSED MEATS
6 Loads

Semi-boneless Hams: 14-17 lbs. 115.00 steady.

Boneless Hams 13-17 lbs. 145.00, steady.

No. 1 sliced bacon, vac pac 1 lb. pkg. 139.00 weak.

Franks, 70 Beef, 30 Pork, 1 lb. pack, 89.00 steady.

Four States Livestock

Hagerstown, Md.
Wednesday, July 7
Report supplied by auction

SLAUGHTER: Fed Steers & Heifers 1.00 higher. Choice 65.00-66.75; Good 60.00-64.00 Medium 59.00 Down. Heifers Choice to 60.25; Good 56.00-60.00; Medium 55.00 Down. Cows Good run $1.00 higher. High Yield 46.00-48.50; Average 41.00-45.00; Big Middle 37.00-40.00; Fatty Herf. 35.00-38.00; Shelly 38.00 Down. Fat Bulls mostly steady Good 52.00-54.75; Medium 48.00-51.00. Veal Calves $2.00 higher. Choice 88.00-94.00; Good 78.00-87.00; Medium 65.00-77.00; Farm Hfrs. to 89.00; Farm Bulls to 93.00; Light & Weak 53.00 Down. Lambs no Choice offered. Good to 45.00; Medium 44.00 Down.

STOCKER: Steers 300-550 lbs. steady to $1.00 lower. Choice 62.00-64.00; Good 58.00-61.00; Good 58.00-61.00; medium 54.00-57.00; Culls 53.00 Down. Steers 600-850 lbs. Choice 60.00-63.00; Good 55.00-59.00; Medium 54.00 Down. Heifers (All Weights) Choice 53.00-60.00; Good 46.00-52.00; Medium 45.00 Down. Dairy Cows to 425.00. Springing Heifers to 875.00. Pigs, Hd. very active higher prices. 20-30 lbs. 30.00-42.00; 40-60 lbs. 43.00-54.00. Shoats by lb. to 58.50. Slaughter Hogs 1.00 higher. 210-230 lbs. 60.35-60.75; 240-260 lb. 60.00-60.50. Sows 3.00 higher 425-550 lb. 53.00-58.50; 300-400 lbs. 49.50-52.00. Bulls Good 50.00-54.00; Medium 49.00 down.

Eighty-Four Auction

Eighty-Four, PA
Monday, July 12
Report Supplied by: PDA

CATTLE 358: Compared with two weeks ago: Slaughter cows $1.50-$2 lower. Good slaughter steers 59-64.25, Standard 50-58.50, Utility 44.00-51. Choice slaughter heifers 62.00-63, Good 55.00-60, Standard 50.00-54, Utility 43.00-50. Utility & Commercial slaughter cows 42.50-46, Cutters 39.00-43, Canner & Low Cutters 31.00-39, Shells down to 25. Yield Grade #1, 1000-2000 lbs. slaughter bulls 52.00-57, #2, 900-1500 lbs. 47.00-49. Medium Frame #1, 400-700 lbs. feeder steers 57.00-62.00 Medium Frame No #1 350-600 lbs. feeder heifers 46.00-50. Medium Frame #1, 400-700 lbs. feeder bulls 50.00-55.

CALVES 372: Vealers $4-$5 lower. Choice vealers 70.00-75, Good 61.00-71, Standard & Good 90-120 lbs. 59.00-64, 60-85 lbs. 43.00-60, Utility 80-130 lbs. 30.00-44. Farm Calves: Hol. Bulls 90-120 lbs. 70.00-82; Hol. Heifers 60.00-80.00.

HOGS 73: Barrows and gilts 75 cents-$1 higher. US No. 1-3 2-250 lbs. barrows and gilts 60.85-62, few No. 1-3 210-260 lbs. 59.00-60. US No. 1-3 3-500 lbs. sows 50.00-54, No. 2-3 350-500 lbs. 45.00-50.00 Boars 40.00-46.

FEEDER PIGS 12: US No. 1-3 40-60 lbs. feeder pigs 43.00-56 per head.

SHEEP 279: Choice 80-97 lbs. spring slaughter lambs 55.00-57, Good 65-85 lbs: 50.00-56, Utility 40-60 lbs. 38.00-50.. Slaughter sheep 10.00-18.00.

GOATS 10: $14-31.00 per head.

Westminster Livestock Auction

Westminster, Md.
Tuesday, July 6
Report supplied by auction

BUTCHER COWS: Steady to 50 cents lower on light run. High yield 46.00-47.00. Standard & Utility 41.00-46.00. Canners 39.00-41.00. Shelly $40 down. Bulls good heavy weights to 55.75, Medium 48.00-50.00. Heifers Choice mainly 650-800 lb. 52.00-57.00, Good to Choice 800-1000 lbs. 55.00-61.00.

BUTCHER HOGS: Steady "US 1 & 2 hogs needed for special order" US 1 & 3 240-260 lb. 59.25-60.00, 195-210 lbs. 56.50-57.25. Sows 350-500 lbs. 47.00-52.75. Boars one 850 lbs. at 44.50.

VEAL CALVES: Few big calves offered. Choice one to 99.00. Standard 60.00-70.00. Killers 80-100 lb. 56.00-62.00. Weak & Rough 56.00 Down.

CALVES RETURNED TO FARM: Bulls $10 higher! Holstein heifers few 95-105 lb. 79.00-90.00. Holstein bulls 100-120 lbs. 70.00-90.00, 90-100 lbs. 65.00-75.00. Beef Type 80-110 lbs. to 70.00.

LAMBS: One lot Good-Choice Bucks 110 lbs. at 55.50, Feeders 42.00-46.00. Sheep 15.00-26.00.

STOCK CATTLE: Scarce. Steers few 600-800 lb. 56.50-62.00. Heifers 350-800 lb. 40.00-50.00. Bulls 300-350 lbs. (Good) 55.00-64.00.

PIGS AND SHOATS: $2 to $4 higher. By the head 15-30 lb. 20.00-34.50, 30-50 lb. 38.00-47.00. By the Lb. 4 at 90 lbs. 63.00. 1 St. Boar 185.00 lb. at 49.50.

New Holland Horse

New Holland, Pa.
Monday, July 12
Report supplied by auction

Reported receipts of 193 head of horses, mules, and ponies. Market: steady.

Local better horses 550.00-910.00; Driving horses 375.00-900.00; Riding horses 375.00-500.00; Lightweight killers 350.00-450.00; Heavyweight killers 475.00-575.00; Mare Ponies 35.00-110.00; Pony Colts 15.00-35.00; Geldings 35.00-110.00; Larger ponies 135.00-300.00.

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA

COWS COWS COWS
BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.

Lots of good Northern Feeders and Stockers.

SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.-Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.-Dairy Cows
7:00 P.M.-Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

NOTICE:
Sow Contracts Available
(100 Sows Plus)
- You furnish labor & facilities
- Contractor supplies sows, feed & veterinarian

Remodel your existing non-productive building

For More information Write:
c/o Lancaster Farming
P.O. Box 366, A39
Lititz, PA 17543

LEESPORT MARKET & AUCTION, INC.
North end of Leesport, PA — Turn East off Route 61
"WHERE FRIENDS MEET"

BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 12 NOON TO 9 P.M.

Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes. Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.
PHONE: 215-926-1307 — LEROY WEIST & JOHN WEIST, MGRS.

EMERY'S BUYING STATION

OPEN TO RECEIVE YOUR MARKET HOGS
AT THE GREEN DRAGON MARKET
RD 4, EPHRATA, PA 17522
1 MILE NORTH OF EPHRATA ON NORTH STATE STREET.
HOURS
MONDAY, TUESDAY, and WEDNESDAY
6:00 A.M. to 11:30 A.M.
215-458-5677 Residence
717-733-9648 Office

YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

FRIDAY EVENING, AUGUST 6
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 7:30
Every 4 Weeks

NOTICE
Evening sale July, August at 7:30 P.M.

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55

WE NOW HAVE BREEDING DATES
This sale — 34 head due between July 12th & 19th. 12 head due July 20th & 27th. Balance following week. Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice. Local Trucker Available.
No Hogs Sold On Commission.

CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE SEPTEMBER 3

Va. market summary & sale reports

Direct market reports provided by Va. Dept. of Agriculture in cooperation with USDA

Virginia Auction Summary

July 8-14
Report supplied by VDA

Total of Va. Weekly Auction Receipts: 4,756.

TREND: Feeder steers and heifers mostly steady.

Northern, Va.
Auction Summary
July 8-14

Auctions included: Fredericksburg, Front Royal, Rockingham, Madison, Charlottesville, Shenandoah, Winchester, Marshall, Staunton, Orange.

STEERS: 300-500 lbs. Medium 1 58.00-69.00; Large 1 47.00-65.00; Small 1 50.00-62.00; 500-700 lbs. Medium 1 56.50-67.25; Large 1 56.50-66.00; Small 54.00-58.50; 700 1000 lbs. Medium 1 57.00-66.00; Large 1 57.25-61.00.

HEIFERS: 300-500 lbs. Medium 1 47.50-56.50; Large 1 50.00-57.00; Small 1 47.00-53.00; 500-700 lbs. Medium 1 48.00-55.75; Large 1 50.00-56.50; Small 1 46.50-51.00. 700-900 lbs. Medium 1 47.00-59.00.

Southwest Va.
Auction Summary
July 8-14

Auctions included: Tri-State, Narrows, Galax, Lynchburg, Hollins and Wytheville.

STEERS: 300-500 lbs. Medium 1 59.00-68.00; Large 1 60.00-70.00; Small 1 53.00-61.00. 500-700 lbs. Medium 1 60.00-70.00; Large 1 60.75-69.00; Small 1 53.00-64.00. 700-1000 lbs. Medium 1 56.40-64.00; Large 1 58.75-61.50; Small 1 55.00-60.00.

HEIFERS: 300-500 lbs. Medium 1 45.00-56.00; Large 1 49.50-56.50; Small 1 42.00-50.50. 500-700 lbs. Medium 1 45.00-57.00; Large 1 48.50-57.00; Small 1 43.25-50.50. 700-900 lbs. Medium 1 42.00-53.00; Large 1 47.50-56.00; Small 1 40.50-48.00.

Southeast Va.
Auction Summary
July 8-14

Auctions included: Richmond, Southampton, Smithfield, and Blackstone.

STEERS: 300-500 lbs. Medium 1 56.00-57.50. Large 1 60.00-63.50; Small 1 52.55. 500-700 lbs. Medium 1 59.50-63.50; Large 1 58.00. 700-1000 lbs. Medium 1 57.00-62.75.

HEIFERS: 300-500 lbs. Medium 1 47.00-56.00; Large 1 48.00-50.00; Small 1 45.00-47.00. 500-700 lbs. Medium 1 45.00-51.50; Large 1 46.50-49.50; Small 1 45.50, 700-900 lbs. 48.50-55.75.

Feeder Pigs

Harrisonburg, Va.
Tuesday, July 13

Receipts. 1568.

FEEDER PIGS: 30-39 lbs. US 1 & 2 129.00;139.00; US 3 124.00-132.00; Utility & 4 119.00. 40-49 lbs. US 1 & 2 122.00; US 3 112.00; Utility & 4 113.00. 50-59 lbs. US 1&2 103.00-104.50; US 3 101.50. 60-69 lbs. US 1 &2 102.50; US 3 94.50. 70-84 lbs. US 1&2 91.50; US 3 87.00. 85-99 lbs. US 1&2 87.00; US 3 88.00.

Feeder Pigs

Blackstone, Va.
Monday, July 12

Receipts. 165

FEEDER PIGS: 30-39 lbs. US 1&2 107.00; US 3 106.00; Utility & 4 98.00. 40-49 lbs. US 1&2 116.00; US 3 109.00. 50-59 lbs. US 1&2 105.00; US 3 95.00; Utility & 4 70.00. 60-69 lbs. US 1&2 85.00; US 3 75.00. 70-84 lbs. US 1&2 65.00; US 3 60.00.

Slaugher Lambs

Dublin, Va.
Friday, July 9

1251 head.

High Choice and prime 95-125 lbs. 54.00-59.00; Choice 51.00-56.00.

Feeder Pigs

Cortland, Va.
Thursday, July 8

Receipts 332

FEEDER PIGS: 30-39 lbs. US 1&2 103.00; US 3 103.00; Utility & 4 76.00. 40-49 lbs. US 1&2 116.00; US 3 105.00; Utility & 4 87.00. 50-59 lbs. US 1&2 105.00; US 3 93.00. 60-69 lbs. US 1&2 88.00; US 3 77.00- 70-84 lbs. US 1&2 79.00. 85-99 lbs. US 1&2 77.00.

Yearling Ewes

Tazewell, Va.
Wednesday, July 7

218 head; all state graded.

28 head fancy 57.00-81.00 each; 144 head choice 47.00-77.00 each; 21 head 45.00-55.00 each; 13 head 46.00-52.00 each; 12 ewe lambs 64.00.

Slaughter Hogs

Farmville, Va.
Monday, July 12

84 head.

Barrows & gilts: U.S. 1-3 200-250 lbs. 60.00; 250-350 lbs. 53.00-56.00.

Sows U.S. 1-3 300-500 lbs. 45.00-49.25; 500-650 lbs. few at 59.00.

Boars 44.00-44.50.

Slaughter Hogs

Blackstone, Va.
Tuesday, July 13

485 head.

Barrows & gilts: U.S. 1-3 200-240 lbs. 60.85; 240-270 lbs. 56.75; 270-300 lbs. 53.75; 180-200 lbs. 57.00.

Sows: U.S. 1-3 300-500 lbs. 52.50; 500-600 lbs. 56.50.

Boars 44.00-47.00.

Slaugher Cattle

Madison, Va.
Saturday, July 10

220 head.

Steers: Choice 900-1050 lbs. 62.00-66.25; Choice 1050-1250 lbs. 65.25-69.25; Good 1000-1200 lbs. 59.00-64.00.

Holstein Steers: Good 1100-1500 lbs. 55.50-60.75.

Heifers: Choice 800-900 lbs. 57.00-63.50; Choice 900-1000 lbs. 60.00-63.75; Good 850-1100 lbs. 55.00-60.00.

Slaughter Cattle

Fredericksburg, Va.
Thursday, July 8

94 head.

Steers: Choice 900-1050 lbs. 63.70-64.60; Choice 1050-1250 lbs. 66.20-67.15; Good 1000-1200 lbs. 59.50-63.50.

Heifers: Choice 800-900 lbs. 62.75-63.70; Choice 900-1000 lbs. 62.50-63.60; Good 2-3 850-1100 lbs. 56.00-62.25.

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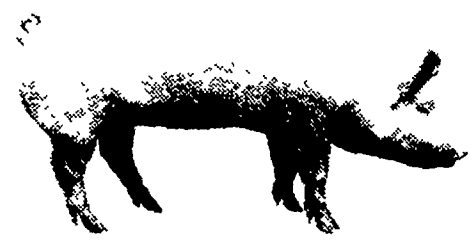

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Off the Sounding Board

By Sheila Miller, Editor

Enough to curl your corn

Baking under the mercilous rays of a July sun, corn fields took on a different look this week. Broad green leaves were rolled up tight as the plants defensively shielded themselves from excessive moisture loss. Roots searched deep into ground etched with cracks and crevices for much-needed water as the parched plants felt the effects of the season's first dry, uncomfortably hot weather.

This is not a new experience for farmers in the humid Northeast which has had its share of droughts over the years. But it serves as a constant reminder of just how precious water is for farmers and their crops.

Water and how to conserve it was one of the key topics discussed by the Northeast's secretaries and commissioners of agriculture during their meeting in Hershey. All of the states' farm leaders remarked that the rain-rich Northeast must beware of taking this natural resource for granted or else suffer a fate similar to the moisture-starved Southwest.

But how? Pennsylvania farmers have already learned an unfortunate lesson in water politics, and not from scenes on television depicting ranchers fighting over watering rights for their cattle and sheep. They learned farmers hold the low spot on the totem pole when it comes to dishing out water during droughts — with residential water use considered more vital.

That lesson was learned during the drought of 1977-78 when agriculture's water rights were essentially shut off by emergency rationing rules that ensured water to homeowners for sanitation rather than to farmers for crop irrigation.

Farmers had a hard time understanding political priorities then, and things haven't changed since. To guarantee farmers and their nonfarm neighbors have enough water in the future, much has to be done to conserve and preserve its quantity and quality.

Although pricing, metering, public education, and water conservation devices are all methods that can be used to encourage people to conserve water in the home, people tend to revert back to their old, wasteful usage habits once the water shortage crisis is over. There needs to be continual education and conservation plus legislation that provides clear and unquestionable water rights for farmers, and not what's left over after industry and residential users drain their "preferred" shares.

Water is so essential to farming's future that we can't afford to wait for an emergency situation to act. George Wolff, who's president of the Pennsylvania Association of Conservation Districts and a Lebanon County farmer, learned at an early age just how easily water can be taken for granted.

During the mid-1940s an ice storm knocked out all the electical service to his family's beef farm for an entire month. That month probably felt more like a year for Wolff as he carried bucket after bucket of water to quench the seemingly insatiable thirst of 100 steers.

"I believe the steers drank twice as much when the water was carried than when it ran through the pipes," claims the Pennsylvania Dutchman.

Wolff, like other conservationists, places great importance on the soil's ability to hold enough water deep within its layers. He is a strong advocate of chisel plowing which he believes helps to save soil from the ravages of erosion and, at the same time, permits water that falls on the surface to "percolate in." The trash on top acts as a wick, he claims.

A water conservation program that will have the rights of farmers in mind can only be effective if planners have an idea where the greatest demands will be for water in the future. Where are the greatest concentrations of livestock, the largest acreages of irrigated cropland, and which farming enterprises demand the most water daily?

The effects of intensive agriculture on water use and quality must continue to be studied by conservation districts and others. At the same time, water's effects on agriculture still raises many questions.

Conservation districts in the Northeast are encouraging continued investigation of the long-range effects of acid rain. At their national meeting held earlier this year, the districts passed a resolution addressing this "increasingly serious problem . . . that is now adversely affecting water quality, dams and other concrete structures, fish and wildlife habitat, forest production, and agricultural soils in many regions of the nation."

Unfortunately, the conservationists' concerns are not equally shared by the Northeast's ag secretaries and commissioners. Pennsylvania's Penrose Hallowell, instead, stresses his belief that acid rain is beneficial for agriculture — providing soil nutrients.

Maine's Stewart Smith, however, does not share Hallowell's "not-a-top-priority" attitude, citing studies conducted at the University of Maine which confirm acid rain lowers the soil pH and requires more lime to be applied.

"Acid rain should be slowed immediately," he says. Most agricultural people, he adds, are not concerned with the problem because it can be counteracted and it poses its greatest danger to forestry and fisheries.

"Maybe farmers should make it their concern," he remarks.

We think so too. Water — acid or alkaline, abundant or inadequate — is a concern for all farmers. Agriculture's water supply can't be left to popular politics. A plan for statewide and regional cooperation must be developed before another major drought leaves farmers high and dry.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

CAPTURING THE HOLY SPIRIT
July 18, 1982

Background Scripture
Acts 10
Devotional Reading
Romans 10:5-13

Kathryn Kuhlman, the late great evangelist and healer, once said that she used to teach that, if a person had faith, they would be healed, and, if they weren't healed, it was because they didn't have faith. But she had to stop making that pronouncement, because, as she put it, "God didn't cooperate with me."

Many of us have made similar discoveries in our experience. Whenever we become too smug about our religious beliefs, whenever we assume that we have God pretty well boxed-in by our doctrines, rituals or religious lifestyles, we are likely to be rudely awakened to the realization that God far transcends even the best of our religious convictions. God is too big to be fitted into our hip pocket—the place where so many of us seem to think we've got him.

"No, Lord!"

Simon Peter had such an experience. In his dream/vision on the rooftop, Peter is instructed to kill and eat some of the animals that have been lowered from heaven in a great sheet. But Peter cannot bring himself to do so: his strong convictions as a Jew make it seem impossible to eat animals that, according to the Jewish law, would make him spiritually "unclean." So, despite the heavenly command, Peter says, "No, Lord; for I have never eaten anything that is common or unclean."

Obviously, Peter's Jewish concepts are strong enough so that he is willing to deny the heavenly voice. Although God says to him, "Rise, Peter; kill and eat," Peter feels it necessary to remind God that the animals would desecrate his purity. Peter decides to hearken to his traditions, instead of to his revelation.

This is still a very common experience. Much of the evil that "good people" do in this world is the result, not of not knowing what God wants of us, but of saying "No" to him because his will does not fit into our perconceived ideas. Our concept of what is "common" or "unclean" in God's sight is usually a reflection of our own prejudices, not the heart of our God. "What God has cleansed you must not call common."

The Holy Spirit Fell

At last, Peter obeyed the vision that told him to go to Joppa. There, another surprise awaited him, for while he was preaching to these Gentiles, "the Holy Spirit fell on all who heard the word."

And the people who witnessed this were dumbfounded: "...the believers from among the circumsized who came with Peter were amazed, because the gift of the Holy Spirit has been poured out even on the Gentiles."

They had assumed that the Holy Spirit was their private possession. They believed that they knew all about the workings of the Holy Spirit.

And they saw it, the Holy Spirit operated within their little man-made systems and was captive to their religious convictions.

But they were wrong—dead wrong—for the Holy Spirit belongs to no one group or person. As Peter finally realized: "Truly I perceive that God shows no partiality." Only people do that.

OUR READERS WRITE

Belated thanks

A belated thank you for the excellent "write up" Donna Tommelleo did on me and on the (dairy sanitation) programs we as fieldmen feel are so important for the production of high quality milk. ("Marvin helps keep milk a quality product," On the Road series, Lancaster Farming, June 26 issue.)

I have received numerous comments about the article and they were all complimentary. Donna did a very good, informative and interesting bit of journalism. We need these refreshing kinds of items to "talk up" our "sometimes overlooked" vocation.

Andrew A. Marvin
Fieldman
Inter-State Milk Producers' Co-op

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Keep Poultry Comfortable During Hot Weather

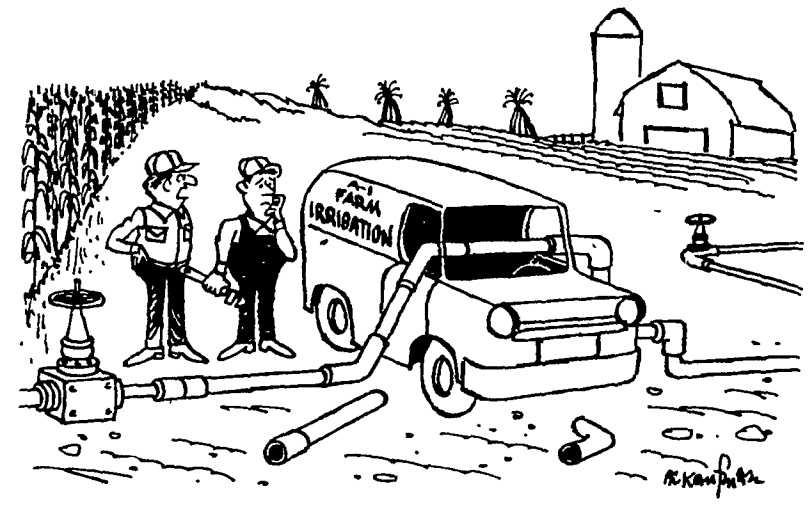
Ventilation is most important during hot and humid weather. During hot weather out broiler and layer houses need more air movement inside the house. I would suggest placing circulation fans inside the house to move more air across the birds. This will definitely give relief. In weather reports it's known as the "chill" factor. If you move air at the rate of 500 C.F.M. across the birds, it will reduce the temperature – to the bird – by 10 degrees F.

I know if the temperature is 95 degrees F. outside, it will not be any cooler than 95 degrees inside, but the chill factor would make it feel like 85 degrees to the bird.

Another very important factor during hot weather is to ventilate the attics. The best way is to have an inlet at one end and an exhaust fan at the other end. If you don't move the air out of the attic, the temperature can rise to over 150

(Turn to Page A12)

HAY HAWS



"Didn't happen to give any thought to moving the truck, eh Leroy?"

CARNATION FEED CARNATION FEED CARNATION FEED

Now is the Time

(Continued from Page A10)

degrees F. This trapped hot air will eventually work down through the insulation and into the house.

To Manage Alfalfa

The weather conditions upset our alfalfa cutting times this year. Some of our second cutting came off real good and some not so good. Some were able to maintain the 35-day interval after the first cutting. This should give you four cuttings. In addition, it is still a good practice to permit one of the later cuttings to come to at least 75 percent bloom before cutting. This will strengthen the root system for another season. Also, there is considerable support for not cutting alfalfa during the early part of September; this is the time when the plants are forming rhizomes for next years growth. Management is important to maintain a good stand.

To Consider Lightning Rods On Shade Trees

Many times you drive past a pasture field and notice dozens of cattle or other livestock grouped together under one or two large trees. During severe thunderstorms, livestock will gather under these trees. If lightning strikes the tree, many of the animals will be killed. We read about such a case last week where seven cows were killed. For protection of valuable livestock, we suggest that some of these individual trees be fitted with a lightning rod system. If there is a woodlot in the pasture, or a number of trees, it may not be practical.

Farm Calendar

Saturday, July 17

Charolais Field Day, Bratton Charolais Farm, McVeytown, Mifflin County, 10 a.m.

McKean-Potter Farmers' Assn. picnic, Hamlin Park, Smethport.

Pa. Ayrshire Assn. field day at Penn State.

Dairy goat field day, Jacob Fisher Farm, Manheim.

Monday, July 19

Pa. Forage & Dairy Day sponsored by Pa. Forage & Grassland Council, Milton Hershey School Farm.

Central Holstein Field Day, State Fairgrounds, Timonium, Md.

Jefferson County Town & Country Fair, Sykesville, continues through Saturday.

Kimberton Community Fair, Kimberton, Chester County, continues through Saturday.

Tuesday, July 20

Pa. Assn. of Farmer Co-ops Couples Conference, Chambersburg.

Lancaster County Ag Council, 7:30 p.m., Lancaster Chamber of Commerce, 30 W. Orange St.

Wednesday, July 21

Bucks, Montgomery Counties 4-H Swine Clubs show and sale, Quakertown Livestock Auction, show at 10 a.m., sale at 3 p.m.

Plainfield Farmers Fair, Nazareth, continues through Saturday.

Thursday, July 22

Lancaster County Holstein Show, 10 a.m., Solanco Fairgrounds, Quarryville.

Pa. Christmas Tree Growers Annual Meeting, Ramada Inn, Downington.

Pa. Purebred Dairy Cattle Assn. Judging School, Washington County.

Garrett County Holstein Field Day, Garrett County Fairgrounds, Deep Creek, Md.

Frederick-Montgomery Holstein Field Day, Montgomery County Fairgrounds, Gaithersburg, Md.

Friday, July 23

York Farmer's Forum, 5 p.m., Enterprise Nurseries, west of East Prospect.

Saturday, July 24

Pa. Angus Assn. Field Day, York South Branch Farms, 9 a.m.

Pa. Nut Growers Assn. Field Day, Dry Run.

Bradford Jersey Club picnic, Bruce Andren's Farm, W. Burlington.

Cavencrest Canadian Classid Red & White Sale, 12:30 p.m., Guernsey Pavilion, Lancaster.

Brown Swiss Field Day, Frederick County Fairgrounds, Frederick, Md.

Jersey Field Day, Frederick County Fairgrounds, Frederick Md.

Lancaster County Swine Producers Assn. annual pig roast, 6:30 p.m., West Lampeter Community Fair Grounds.

To Keep Dogs Under Control

The summer months increase outdoor activity with your dog. Keep in mind that a dog owner's responsibility is to keep their pet under control at all times. Free-roaming dogs cause accidents, bite, damage property and can be a general nuisance. Dogs are personal property and the owners are responsible for any damage caused by their pets.

Many dog-related problems would be alleviated if owners were more aware of their responsibilities. All pet owners really need to do is to have their dogs licensed and keep them under control. Remember, that all dogs six months of age or older must be licensed. A license is an inexpensive means to identify your dog if it should stray. It also shows you care for your pet.

Livestock market

Chambersburg Auction

Chambersburg, Pa.
Thursday, July 15
Report supplied by PDA

CATTLE: 336. Compared with last Thursday's market: Slaughter steers 1.00-3.00 lower. Sl. cows Utility & Commercial 2.00 lower, Canner & Cutter .50-1.00 lower. Sl. steers: Choice No. 2-4 975-1300 lbs. 61.50-65.85; 56.50-59.50; Standard 48.00-56.25. Sl. heifers: Choice 57.75-64.75; Good 51.50-56.50. Sl. cows: Utility & Commercial 42.00-46.85; Cutters 39.50-43.75; Canner & L. Cutter 36.00-39.50; Shells down to 29.75. Sl. bulls: Yield Grade No. 1 & 2 800-1975 lbs. 50.00-58.50. Heifers, Medium Frame No. 1, 450-575 lbs. 42.50-46.50.

CALVES: 724. Vealers Good & Choice 8.00-20.00 lower. Choice 58.00-65.00; Good 52.00-62.00, 70-106 lbs. 52.50-60.00; Utility 50-85 lbs. 35.00-50.00.

FARM CALVES: Hol. Bulls 7.00 lower. Hol. Bulls 90-130 lbs. 58.00-78.00; Hol. Heifers 80-140 lbs. 60.00-100.00.

HOGS: 34. Lot No. 1-3 254 lbs. at 59.75; lot 240 lbs. at 60.10; (few) US No. 1-3 300-500 lbs. 49.00-55.50.

FEEDER PIGS 29. few lots US No. 1-3 35-55 lbs. 39.00-50.00.

SHEEP: 22. High Good & Choice 75-95 lbs. 46.00-49.50.

New Holland Dairy

New Holland, Pa.
Wednesday, July 14
Report supplied by auction

Reported receipts of 119 cows, 73 heifers, and 8 bulls. Market steady.

Load of Pa. cows, 890.00-1125.00; Load of Pa. cows 940.00-1130.00; Load of Pa. cows 770.00-1200.00; Load of NY Purebred grade cows, 1125.00-1385.00 springers 1100.00-1375.00; Load of Canada purebred & grade springers 920.00-2600.00; Load of Canada purebred & grade cows, 875.00-1475.00, springers 975.00-1725.00.

Locally consigned cows 550.00-1180.00; Springing heifers grade 640.00-1140.00; purebred 910.00-1310.00; Bulls 420.00-660.00.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, July 13
Report supplied by auction

1213 head.

Calves 31.00-97.50; Cows 37.75-49.25; Easy Cows 33.50-48.00; Heifers 44.00-58.00; Bulls 47.00-57.50; Steers 40.50-67.00; Hogs 36.00-64.00; Roasting Pigs, each 21.00-39.00; Kids 6.00-39.00; Boars 48.00-50.00; Sows 52.00; Sheep 13.00-55.00; Lambs, each 26.00-47.00; Lambs, per lb. 44.00-87.50; Goats, each 5.00-67.50; Hides 1.00-7.00.

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Livestock market and auction news

Westminster Livestock Auction

Westminster, Md.
Tuesday, July 13
Report supplied by auction

BUTCHER COWS: Steady to 50 cents higher. High yield 48.50-50.25. Standard & Utility 42.00-46.25. Canners 39.00-42.00. Shelly $40 down. Bulls few good 53.00-54.75, Standard 49.00-51.00. Steers Good run 1 load Choice 1400-1865 lbs. 65.00-70.75; Good & Choice 1000-1300 lb. 60.00-65.00. Heifers few choice 63.75-64.00 Good 58.00-60.00

BUTCHER HOGS: Good Run, Prices Steady US 1 & 2 215-240 lb. 60.00-60.50. US 1 & 3 240-260 lb. 59.10-59.50. 9 hd. US 1&2 285 lb. to 55.50. US 2&3 220-260 lb. 56.50-57.75. Sows over 450 lb. 53.75-55.00, 350-450 lb. 49.00-52.50. Boars 500-650 lb. 45.25-46.35.

VEAL CALVES: Few heavy weights offered. Choice to 94.00. Good & Choice 70.00-81.00. Killers 80-100 lb. 55.00-62.00. Weak & Rough 55.00 Down.

CALVES RETURNED TO FARM: Holstein heifers few 100-110 lb. 77.00-81.00. Holstein bulls 95-125 lbs. 65.00-76.00. Beef Type 80-110 lbs. to 65.00-75.00.

LAMBS: Few Choice 100-110 lbs. 56.50-58.00.

STOCK CATTLE: Larger run. Steers 300-600 lb. Good 57.00-60.50, 750-900 lb. Good 59.00-63.00. Heifers 300-700 lb. Med. & Good 42.00-48.00. Bulls few 300-700 lbs. Med & Good 51.00-55.00.

PIGS AND SHOATS: Larger Run - Higher Prices. By the head 20-30 lb. Mainly 35.00-40.00, 30-45 lb. 39.00-42.50. By the Lb. Few Singles 120-170 lb. 48.00-58.00. Gt. Boars 135-180 lbs. 47.00-50.00.

Belknap Auction

Dayton, Pa.
Wednesday, July 14
Report supplied by PDA

CATTLE 133: Supply included 50% cows. Compared with last Wednesday's market, slaughter cows about steady. One Good slaughter steer at 64.00, few Standard 52.00-55.00. One Choice slaughter heifer at 57.00, Standard 45.00-51.50. Few Utility & Commercial slaughter cows 43.50-46.25, Commercial No. 4-5 37.50-42.00, Cutters 40.00-43.50, Canner & Low Cutter 32.00-39.75, Shells down to 29.00. Couple Yield Grade #1 1090 lbs. slaughter bulls 52.75 and 1795 lbs. at 55.00. Few Medium & Large Frame #1 315-565 lbs. feeder steers 50.50-55.00, one at 61.00; Medium & Large Frame #1 325-645 lbs. feeder heifers 44.00-51.00, one at 55.00.

CALVES 91: On Good vealer at 70.00, couple Standard 55.00 and 56.00, Standard & Good 90-120 lbs. 58.00-66.00, 65-85 lbs. 46.00-59.00. Farm calves, holstein bulls 75-135 lbs. 69.00-100.00, couple 110.00 and 115.00; few holstein heifers 65-85 lbs. 58.00-64.00; slaughter calves, grading Good 135-270 lbs. 51.00-60.00.

HOGS 158: Barrows & gilts steady to .50 lower. US No. 1-2 220-235 lbs. barrows & gilts 60.25-60.75, couple 62.50, No. 1-3 200-250 lbs. 59.00-60.25, few No. 2-3 210-235 lbs. 55.50-59.00. Sows fully steady. US No. 1-3 255-625 lbs. sows 52.00-58.50. Boars 44.00-48.00.

FEEDER PIGS 95: US No. 1-3 20-35 lbs. feeder pigs 25.00-43.00 per head, No. 1-3 35-45 lbs. 40.00-46.00, few No. 1-3 70-90 lbs. 51.00-55.00 per head.

SHEEP 7: Lot Good 53 lbs. spring slaughter lambs at 46.50.

Peoria Cattle

Thursday, July 15
Report supplied by USDA

Compared to the middle of last week Slaughter Steers and Heifers closed 1.00-1.50 lower. Cows closed steady. Bulls steady. Demand moderate for Choice Steers over 1075 lbs. and Choice Heifers over 925 lbs.; light for other Steers and Heifers. Supply near 55% Heifers, 40% Steers and 5% Slaughter Cows. Steers and Heifers supply good to average Choice. Receipts this week about 2700 as compared to 2014 a week ago and 2954 a year ago.

SLAUGHTER STEERS: Choice 2-4 1050-1225 lbs. 65.00-67.00, couple loads 67.25-67.50 on Monday. One load Choice and Prime 1237 lbs. 68.00 on Monday. Choice 2-4 900-1100 lbs. 63.50-66.00. Good and Choice 2-3 1050-1150 lbs. 63.00-66.00. Good 2-3 1050-1150 lbs. 61.00-64.00. Few Good and Choice 2-3 1050-1400 lbs. Holsteins 56.00-58.00. Part load mostly Choice 1335 lbs. 58.75 on Monday.

SLAUGHTER HEIFERS: Choice 2-4 925-1050 lbs. 63.50-66.00, Closing 63.50-65.00. 875-950 lbs. 61.00-65.00, 61.00-64.00 late. Good and Choice 2-3 925-1000 lbs. 61.50-63.50; Some to 64.50 on Monday. 800-925 lbs. 60.00-63.00. Closing 60.00-62.00. Good 56.00-61.00.

COWS: Utility, few Commercial 1-3 43.00-46.00, few 47.00-47.75. Cutter 1-2 40.00-43.00. Canner and Low Cutter 37.00-40.00.

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COMPARATIVE FUEL REQUIREMENTS/COW/YEAR
Daily spreading ..... 5.5 gal
Unloading, hauling and spreading from semisolid storage ..... 2.3 gal
Fuel savings/cow/year 3.2 gal

COMPARATIVE LABOR REQUIREMENTS/COW/YEAR
Daily spreading ..... 2.7 hours
Spreading from semisolid manure ..... .9 hours
Labor savings/cow/year 1.8 hours

COMPARATIVE COMMERCIAL FERTILIZER NEEDED TO PRODUCE 25 TONS OF CORN SILAGE PER ACRE
Using no manure
Nitrogen 200 lbs/acre; P_2O_5 125 lbs/acre; K_2O 200 lbs/acre
25 tons daily spread manure
Nitrogen 150 lbs/acre; P_2O_5 51 lbs/acre; K_2O 20 lbs/acre
25 tons semisolid manure *
Nitrogen 50 lbs/acre; P_2O_5 17 lbs/acre; K_2O 20 lbs/acre
*Spring applied with immediate plowdown

When you consider the reduction in soil compaction and in spreader and tractor repairs associated with daily spreading, is there any other way to handle manure? Get the details from your Agway Farm Systems Salesperson on how to eliminate the drudgery of daily spreading while substantially reducing your labor, energy and fertilizer costs.

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LANCASTER 717-394-0541
PLEASANT GAP 814-359-2722
CARLISLE 717-243-4312
CHAMBERSBURG 717-263-4197
DUBLIN 215-249-3556
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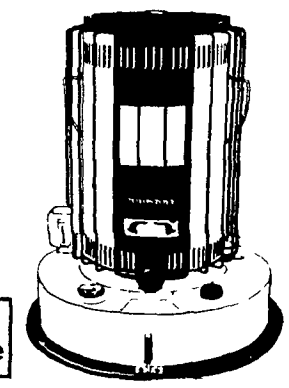

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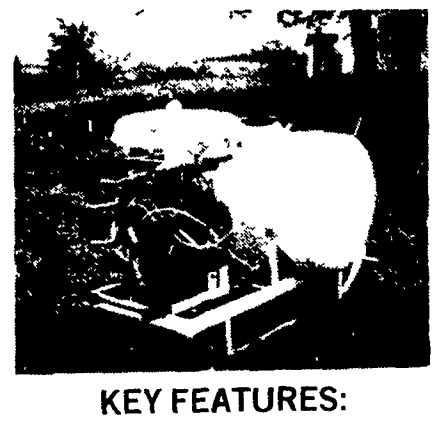

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Livestock market and auction news

Central U.S. Carlot

Wednesday, July 14
Report supplied by USDA

Compared to Tuesday's 4:00 p.m. report: Choice steer and heifer beef steady, except 400-550 lb. Heifer Beef 1.00 lower. Good Steer 2.00-3.00 lower, Good Heifer Beef .50-1.00 lower. Demand and Trading light to moderate.

The boxed beef carcass cutout value declined .09 to an estimated 110.42 per cwt.

Sales reported on 92 loads of steer and heifer beef.

STEER BEEF
34 Loads
FOB Omaha Basis

Choice 3: 700-900 lbs. 106.00, steady. Choice 3 600-700 lbs. 104.50-105.00, mostly 105.00 steady. Choice 2 600-700 lbs. 105.00-106.00; Choice 2-3 600-900 lbs. 96.00-97.00, late 96.00 2.00-3.00 lower; Choice 2-3 600-900 lbs. 100.50 hols. type; Good 2-3 600-700 lbs. 98.00 Hols. Type.

FOB Amarillo Basis
Good 2-3 600-900 lbs. 97.00.

HEIFER BEEF
58 Loads
FOB Omaha Basis

Choice 3: 550-700 lbs. 103.00-104.00, mostly 104.00 steady.

Choice 3: 500-550 lbs. 101.00, 1.00 lower.

Choice 3: 400-500 lbs. 99.00, 1.00 lower.

Choice 4: 500-700 lbs. 98.00, steady.

Good 2-3: 550-700 lbs. 93.00, .50-1.00 lower.

Good 2-3: 600-700 lbs. 92.50.

Good 2-3 500-550 lbs. 92.00.

Good 2-3 400-500 lbs. 91.00

Few sales steady to 2.00 lower but not well tested. Demand light to moderate.

COW BEEF
4 Loads
FOB Omaha Basis

Bng. Utility 2-3 400/up lbs. 79.00-80.00 midwest.

Cnr & Cutter 1-2 350/up lbs. 81.00-82.00 midwest.

BONELESS PROCESSING BEEF
BEEF TRIMMINGS
139 Loads
FOB Omaha Basis

75% Chem. Lean Frozen 93.00-94.00

65% Chem. Lean Fresh 83.00

50% Chem. Lean Fresh 65.00-66.00, Bulk 66.00.

50% Chem lean fresh 57.50 boxed.

50% Chem. lean frozen 69.00.

92% chem lean fresh bull 118.50.

FOB AMARILLO BASIS

90% chem lean fresh 113.00

90% chem lean frozen 113.00.

85% chem lean frozen 106.00.

Compared to Tuesday's 4:00 p.m. report: Fresh pork loins steady to 2.00 lower. Picnics and pork butts steady. Skinned Hams .50-2.00 lower. Sdls Bellies 3.00 lower. Demand and trading light to moderate. Offerings moderate. Sales reported on 33½ loads and 3 loads of trimmings.

FRESH PORK CUTS

LOINS: 14-17 lbs. 121.00-122.00 1.00-2.00 lower; 17-22 lbs. 116.50-118.00, stdy 1.50 lower.

PICNICS: 4-8 lbs. 60.00-63.00, mstly 60.00 steady. 8/up lbs. 60.00 steady.

BOSTON BUTTS: 4-8 lbs. 105.00, steady.

SPARERIBS: 3.5/dn lbs. 151.00; 3.5-5.5 lbs. 131.00 frozen.

SKINNED HAMS: 14-17 lbs. 87.00. 17-20 lbs. 87.50-88.00 .50-1.00 lower. 20-26 lbs. 88.00, 1.00 lower. 26/up lbs. 80.00, 2.00 lower.

BELLIES, SDLS: 12-14 lbs. 78.00, 3.00 lower; 14-16 lbs. 78.00, 3.00 lower.

BONELESS
PORK TRIMMINGS
(Chemical Lean)

42% trimmings fresh 60.50.

72% trimmings fresh 95.00.

Skinned Jowls 55.00.

Leesport Auction

Leesport, Pa.
Wednesday, July 14
Report supplied by auction

CATTLE 312. Compared with last Wednesday's market, slaughter cows $2 to $3 lower. Choice 1000-1100 lbs. slaughter steers 65.00-68.00, Good 59.00-62.00, Standard 54.00-57.00, Utility 48.00-52.00. Choice 800-1000 lbs. slaughter heifers 56.00-61.00, Good 49.00-56.00, Standard 45.00-49.00, Utility 40.00-45.00. Utility & Commercial slaughter cows 45.00-48.00, few to 52.00, Commercial 43.00-45.00, Cutters 40.00-43.00, Canner & Low Cutter 38.00-41.00, Shells down to 30.00. Choice slaughter bullocks 60.00-63.50, Standard 54.00-56.00, Utility 46.00-52.00. Yield Grade #1 slaughter bulls 56.00-60.00. Choice 400 lbs. feeder steers 63.00-70.00, Good 400-500 lbs. 57.00-63.00, Medium holsteins 49.00-54.00; Good 400-600 lbs. feeder heifers 53.00-60.00, Medium 44.00-50.00.

CALVES 181. Choice vealers 72.00-80.00, Good 68.00-72.00, Standard & Good 110-130 lbs. 68.00-75.00, 90-110 lbs. 55.00-65.00, 70-90 lbs. 45.00-60.00, Utilkity 80-100 lbs. 40.00-50.00. Farm calves, holstein bulls 100-120 lbs. 75.00-90.00; holstein heifers 95-110 lbs. 75.00-85.00.

HOGS 203. US No. 1-3 210-230 lbs. barrows & gilts 62.00-64.00, No. 1-3 200-250 lbs. 61.00-62.25, No. 2-3 250-295 lbs. 58.00-60.00, No. 2-3 295-315 lbs. 56.00-58.00, No. 1-3 175-195 lbs. 57.00-59.00. US No. 1-3 sows 45.00-56.50. Boars 45.50-47.50, light weights 48.00-52.00.

FEEDER PIGS 100. US No. 1-3 30-50 lbs. feeder pigs 100.00-135.00 cwt.

SHEEP 42. Choice 80-105 lbs. spring slaughter lambs 55.00-58.00, Good 60-85 lbs. 48.00-54.00, few Utility at 45.00. Slaughter ewes 18.00-28.00.

Belleville Auction

Belleville, Pa.
Wednesday, July 14
Report supplied by PDA

CATTLE 153: Compared with last Wednesday's market, few Standard slaughter steers 50.50-54.50. Few Standard slaughter heifers 46.00-49.85. Utility & Commercial slaughter cows 40.50-44.10, couple to 49.60, Cutters 38.00-40.75, Canner & Low Cutter 35.00-38.50, Shells down to 30.75. One Good slaughter bullock at 56.25. Few Yield Grade #1 830-1500 lbs. slaughter bulls 49.50-53.50.

CALVES 194: Few Good vealers 72.00-77.00, Standard & Good 70-110 lbs. 54.00-63.00, few Utility 50-85 lbs. 40.00-48.00. Farm calves, holstein bulls 85-130 lbs. 62.00-82.00, couple to 90.00; few holstein heifers 100-110 lbs. 90.50-92.00.

HOGS 134: Barrows & gilts about steady. US No. 1-2 210-225 lbs. barrows & gilts 62.25-63.25, No. 1-3 200-240 lbs. 61.25-62.00, few lots No. 2-3 265-285 lbs. 55.10-60.00. US No. 1-3 350-450 lbs. sows 50.00-57.00. Few Boars 41.00-44.00.

FEEDER PIGS 337: US No. 1-3 20-35 lbs. feeder pigs 36.50-43.00 per head, No. 1-3 40-60 lbs. 44.00-65.00 per head.

SHEEP 88: Choice 75-110 lbs. spring slaughter lambs 45.50-52.50, Utility & Good 60-90 lbs. 35.00-45.00. Slaughter ewes 12.00-19.00.

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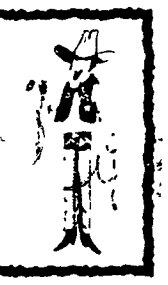

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Number Started: 30 head
Date Started: January, 80
Number Finished: 45 Head
Date Finished: May, 82

	Start	1st year	Present		Increase
Rolling Herd Average	* N/A	15,397 lbs.	17,940 lbs.	+	2543 lbs.
Pounds Fat	N/A	599 lbs.	685 lbs.	+	86 lbs.
% Fat Test	N/A	3.9%	3.8%	-	.1%
Cows over starting herd av.	N/A	41%	60%	+	19%
Cows over present herd av.	N/A	41%	51%	+	10%
1st Calf Heifers over herd av.	N/A	7%	7%		—
2nd Calf Heifers over herd av.	N/A	13%	22%	+	9%
Cows over 20,000 lbs. milk %	N/A	—	6 (14%)	+	6(14%)
% 1st calf heifers	7%	17%	16%	-	1%
% 2nd calf heifers	29%	37%	33%	-	4%

* N/A Not on Test 1st Six months of production.

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Livestock market and auction news

New Wilmington Auction

New Wilmington, PA
Monday, July 12
Report supplied by PDA

CATTLE 352: Compared with 2 weeks ago market; few Choice slaughter steers 65.25-67.25, Good 58.00-61.50, few Standard 54.00-57.00, few Utility 48.50-50.00. Couple Choice slaughter heifers 60.00 and 60.25, few Good 51.50-55.00, Standard 47.00-51.50. Utility & Commercial slaughter cows 44.00-49.00, one at 50.00, Cutters 41.00-44.50, Canner & Low Cutter 30.00-41.00, Shells down to 25.00. Yield Grade #1 and 2 915-1815 lbs. slaughter bulls 47.75-55.50, couple 58.50 and 58.75. Medium Frame & Large Frame #1 560-700 lbs. feeder steers 48.00-56.00, few 325-485 lbs. 59.00-66.00, Large Frame #2 305-550 lbs. 30.00-38.50; Medium & Large Frame #1 330-620 lbs. feeder heifers 42.00-53.00.

CALVES 306: Choice vealers 80.00-90.00, few 94.00-98.00, Good 70.00-81.00, Standard 55.00-70.00, Standard & Good 90-120 lbs. 50.00-65.00, 65-85 lbs. 37.00-50.00, Utility 50-95 lbs. 20.00-33.00. Farm calves, holstein bulls 95-135 lbs. 55.00-75.00; holstein heifers 75-125 lbs. 62.50-80.00; Slaughter calves, grading Good & Choice 185-295 lbs. 53.00-66.00.

HOGS 576: US No. 1-2 205-245 lbs. barrows & gilts 61.50-63.10, No. 1-3 200-255 lbs. 60.50-62.00, No. 2-3 200-265 lbs. 59.35-60.60. US No. 1-3 300-655 lbs. sows 47.50-54.50. Boars 40.00-49.50.

FEEDER PIGS 73: US No. 1-3 25-35 lbs. feeder pigs 27.00-36.00 per head, one lot No. 1-3 85 lbs. 49.00 per head.

SHEEP 201: Choice 65-95 lbs. spring slaughter lambs 55.00-68.00, one lot 60 lbs. 50.00, Good 50-85 lbs. 40.00-52.00. Slaughter ewes 5.00-20.00.

Lebanon Valley Auction

Fredericksburg, PA
Tuesday, July 13, 1982
Report supplied by PDA

CATTLE 180: Compared with last Tuesday's market, slaughter cows mostly 25 cents to 75 cents lower. Few Choice No. 2-4 945-1200 lbs. slaughter steers 66.00-68.85, Good 60.50-66.85, Standard 53.50-61.50, few Utility 44.75-48.00. Few Choice slaughter heifers 62.50-63.75, few Good 58.25-63.25, Standard 50.50-56.25, few Utility 38.50-48.50, few Low yielding 28.00-30.75. Utility & Commercial slaughter cows 44.25-46.85, few to 48.50, one Commercial at 53.00, Cutters 41.75-44.00, Canner & Low Cutter 38.00-42.00, Shells down 29.25. One Choice slaughter bullock at 56.00, couple Good 54.25 and 55.25, few Standard 49.75-53.25. Couple Yield Grade #1 1345 and 1510 lbs. slaughter bulls 54.00-58.00.

CALVES 265: Vealers grading Standard & Good $2 to $5 lower. Couple Prime vealers 93.00 and 94.00, Choice 70.00-92.00, Good 61.00-73.00, few down to 55.00, Standard & Good 90-125 lbs. 58.00-67.00, 65-90 lbs. 50.00-58.00 Utility 55-100 lbs. 37.00-51.00. Farm calves, holstein bulls 75-125 lbs. 62.00-91.00, few holstein heifers 65-125 lbs. 65.00-92.00.

HOGS 128: Barrows & gilts mostly 50 cents lower. US No. 1-2 210-240 lbs. barrows & gilts 62.00-62.35, lot 63.00, No. 1-3 235-265 lbs. 61.00-62.10, No. 1-3 160-195 lbs. 50.50-59.50. US No. 1-3 325-540 lbs. sows 52.00-53.50, couple 54.50 and 57.50, few No. 2-3 220-375 lbs. 48.50-51.00. Couple Boars 43.00 & 45.00.

FEEDER PIGS 36: US No. 1-3 15-35 lbs. feeder pigs 94.00-101.00 cwt., No. 1-3 50-90 lbs. 55.00-70.00, cwt., lot No. 1-3 20 lbs. 24.00 per head.

SHEEP 29: Choice 80-85 lbs. spring slaughter lambs 47.00-50.00. Utility & Good 30-65 lbs. 30.00-40.00. Few Slaughter ewes 18.00-26.00, two yearlings 42.00 and 45.00.

GOATS 4: Few 17.00-20.00 per head.

Indiana Livestock

Homer City, Pa.
Thursday, July 15
Report supplied by PDA

CATTLE: 72. Compared with last Thursday's market: Sl. cows 1.00-1.50 lower. Sl. steers couple Good 58.00 & 60.50; few Standard 50.00-55.50. Sl. Heifers: few Standard 48.00-51.00. Sl. cows: Utility & Commercial 42.00-47.00; Cutters 38.00-42.25; Canner & L. Cutter 30.00-38.50; Shells down to 25.00. Sl. bulls: Couple Yield Grade No. 1, 1100 & 1260 lb. 50.50 & 53.00.

FEEDER CATTLE: Bulls few Medium Frame No. 1, 450-600 lbs. 48.00-55.00.

CALVES: 66. Few Choice 80.00-86.00; Good 62.00-70.00, Standard & Good 90-120 lbs. 60.00-70.00; 60-85 lbs. 50.00-62.00; few Utililty 30.00-35.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 70.00-85.00; Hol. Heifers 66.00-80.00.

HOGS: 62. Barrows and gilts .50 lower. US No. 1-2 200-250 lbs. 59.00-61.25, No. 1-3 200-240 lbs. 58.50-60.00. Lightweights 1 lot 1-3 188 lbs. at 57.25.

SHEEP: 20. Few choice 90-100 lb. 61.00-62.00; Couple Good 68 lbs. at 55.00.

GOATS: 2 at 20.00.

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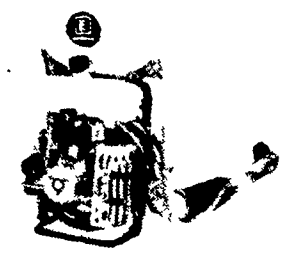

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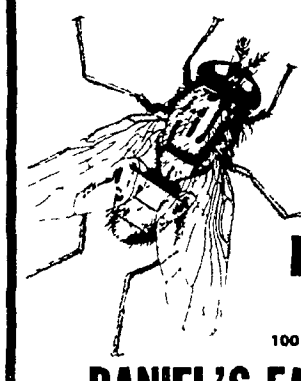

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Livestock market and auction news

Middleburg Auction

Middelburg, PA
Tuesday, July 13, 1982
Report supplied by PDA

CATTLE 367: Compared with last Tuesday's market, slaughter steers 75 cents to $1.25 lower. Slaughter cows 50 cents to $1.50 lower. Few High Choice & Prime slaughter steers 67.85-70.25, Choice No. 2-4 975-1250 lbs. 63.25-68.00, Good 57.25-62.50, Standard 52.50-56.50. Couple Choice slaughter heifers at 59.00, few Good 52.50-57.75, few Standard 46.00-49.50. Utility & Commercial slaughter cows 41.50-44.75, few to 46.50, Cutters 38.50-41.50, Canner & Low Cutter 34.75-38.50, Shells down to 30.00. Few Choice slaughter bullocks 57.25-59.60, few Good 55.00-57.35. Yield Grade #1 and 2 865-1750 lbs. slaughter bulls 47.00-54.35, couple 55.75. Few Large Frame #1 350-550 lbs. feeder steers & bulls 55.00-66.00.

CALVES 208: Choice vealers 79.00-87.00, couple to 97.00, few Good 65.00-75.00, Standard & Good 70-105 lbs. 52.00-62.00. Farm calves, holstein bulls 90-130 lbs. 63.00-93.00, couple to 100.00; holstein heifers 75-130 lbs. 59.00-85.00.

HOGS 617: (Monday, July 12, 1982). Barrows & gilts 50 cents to 75 cents lower. US No. 1-2 210-235 lbs. barrows & gilts 63.00-64.00, few to 64.85, No. 1-3 200-250 lbs. 62.00-63.00, No. 2-3 220-270 lbs. 60.50-62.00. US No. 1-3 300-600 lbs. sows 53.00-58.25, No. 2-3 300-575 lbs. 48.00-53.00. Boars 47.00-50.25.

TUESDAY 46: US No. 1-3 195-235 lbs. barrows & gilts 59.75-62.35.

FEEDER PIGS 224: US No. 1-3 20-35 lbs. feeder pigs 29.00-40.00 per head, No. 1-3 35-50 lbs. 38.00-54.00 per head.

SHEEP 2: Not enough of any one grade to establish a market.

Omaha Cattle

Thursday, July 15
Report supplied by USDA

Through midweek Slaughter Steers and Heifers mostly steady. Cows and Bulls in very light supply, steady.

Following Monday's upturn, both in live and carcass prices, trading turned dull and listless for the balance of the week. Buyers enthusiasm was minimal after Monday, coincident with a breaking beef trade; but available numbers proved too small to allow any deterioration in live prices. Weights and grade continued to be the foremost factors in the bidding, with pressure constantly applied on Steers under 1050 lbs.; Heifers under 925 lbs. and consignments carrying sizeable percentages of good grades.

Steers making up 48 pct of the week's receipts; Heifers 42 pct., Cows 5 pct., Feeders 3 pct. Four day receipts 8733, last week 8982 a year ago 10176.

STEERS: At the Close Choice 2-4 1075-1200 lbs. 67.00-68.00, load 68.50. Mixed Good and Choice 2-3 1000-1150 lbs. 65.00-67.00. Good 63.00-65.00. Good and Mixed Good and Choice Holsteins 58.00-60.00.

HEIFERS: Choice 2-4 925-1025 lbs. 65.00-65.50, part load 66.00; 875-925 lbs. 64.00-65.00. Mixed Good and Choice 2-3 900-1025 lbs. 63.50-65.00. Good 60.00-63.00.

Average of LS 214, detailed quotations for Choice 900-1100 lb. Steers 67.00; 1100-1300 lbs. 68.25. Average cost Steers 66.47, average weight 1115 lbs., as compared 66.69 and 1113 lbs. a week ago. Average Cost Heifers 64.11, average weight 964 lbs. as compared 64.50 and 966 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 41.50-43.00. Cutter 39.00-41.50. Canner and Low Cutter 37.00-39.00.

BULLS: 1-2 1100-1800 lbs. 48.00-53.00.

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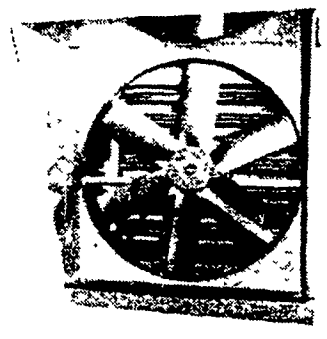

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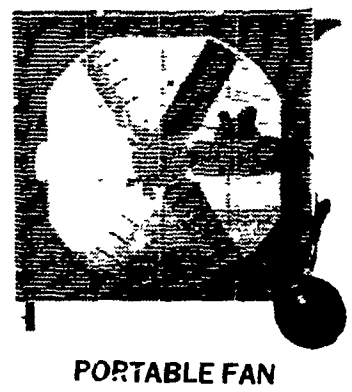

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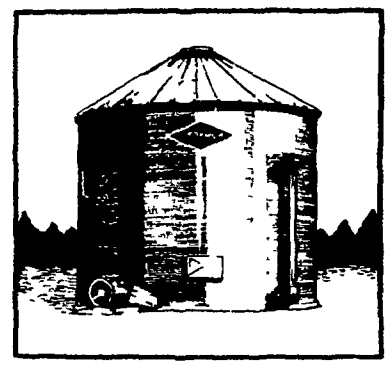

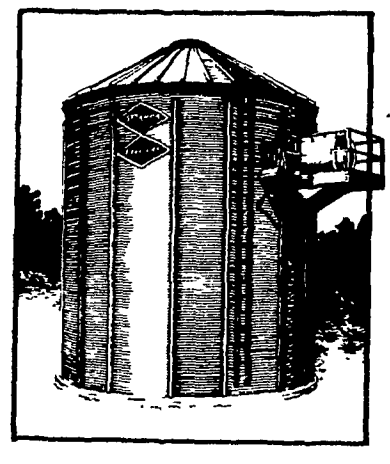

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Livestock market and auction news

Weekly Summary

Friday, July 16

Report supplied by PDA

CATTLE: 7456. Compared with 5484 head last week, and 7081 head a year ago. Compared with last week's market: Slaughter steers steady to 1.25 lower; Sl. heifers & bulls 1.00-2.00 lower; Sl. cows steady to 1.50 lower; Sl. bullocks uneven. Sl. steers: High Choice & Prime No. 3-4, 68.50-73.50; Choice No. 2-4, 63.00-70.85, Good 58.00-64.00; Standard 50.50-58.50. Sl. heifers Choice 60.00-64.75; Good 54.00-60.00; Standard 46.00-54.00. Sl. cows: Utility & Commercial 43.50-49.00; Cutters 40.00-44.00; Canner & L. Cutter 36.00-41.00; Shells down to 25.00. Sl. bullocks: Choice 57.00-63.00; Good 54.00-58.00; Standard 50.00-56.00. Sl. bulls: Yield Grade No. 1, 1000-2200 lbs. 52.00-58.50; Yield grade No. 2, 900-1450 lbs. 47.00-55.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-700 lbs. 56.00-63.00. Heifers, medium & Large Frame No. 1, 300-600 lbs. 44.00-54.00.

CALVES: 4533. Compared with 3225 head last week and 4212 head a year ago. Vealers mostly 2.00-5.00 lower. Few Prime 100.00-110.00; Choice 72.00-90.00; Good 62.00-75.00; few Standard & Good 110-130 lbs. 60.00-75.00; 90-110 lbs. 58.00-66.00; 65-90 lbs. 50.00-60.00; Utility 50-110 lbs. 35.00-50.00.

FARM CALVES: Hol. Bulls 80-130 lbs. 55.00-101.00, mostly 65.00-94.00; Hol. Heifers 80-145 lbs. 50.00-100.00, mostly 65.00-80.00.

HOGS: 6846. Compared with 2628 head last week and 6694 head a year ago. Barrows and gilts mostly steady, spots .75 higher. US No. 1-2 200-240 lbs. 62.00-64.25 No. 1-3 200-250 lbs. 61.00-63.25; No. 2-3 200-275 lbs. 59.00-61.00, few down to 55.00; few 2-3 270-310 lbs. 50.00-60.00; No. 1-3 140-190 lbs. 53.00-59.00; Sows mostly steady US No. 1-3 300-590 lbs. 50.00-58.00; No. 2-3 300-650 lbs. 46.00-53.00. Boars 40.00-46.00, few to 50.00.

FEEDER PIGS 1206: Compared with 949 head last week and 1002 a year ago. Feeder pigs steady to weak. US No. 1-3 20-35 lbs. 25.00-43.00 per head; No. 1-3 35-50 lbs. 35.00-36.00; few No. 1-3 50-80 lbs. 51.00-65.00.

GRADED FEEDER PIGS: 1787. Compared with 2539 head last week, and 1823 head a year ago. All sales by CWT. Feeder Pigs mostly weak to 20.00 lower. US No. 1-2 20-40 lbs. 126.00-152.00, 40-50 lbs. 110.00-140.00, 50-60 lbs. 94.00-116.00, 60-80 lbs. 80.00-97.00; US No. 2-3 25-40 lbs. 107.00-140.00, 40-60 lbs. 90.00-117.00.

SHEEP: 1132. Compared with 267 head last week and 781 head a year ago. Steady to 5.00 lower; Choice 65-110 lbs. 55.00-68.00; Good 50-100 lbs. 45.00-56.00; Utility & Good 30-80 lbs. 35.00-50.00. Sl. ewes: 12.00-28.00.

Oklahoma Cattle

Oklahoma

Thursday, July 15

Report Supplied by: USDA

CATTLE: Feeder steers and heifers steady. Demand good. Bulk supply medium and large frame 1 and mixed 1-2 500-900 lbs. Feeder steers and 400-700 lbs. heifers; cows near 13 percent.

FEEDER STEERS: Medium and large frame 1 280 lbs. 78.50; 375 lbs. 78.00; 385 lbs. 74.50; 410 lbs. 73.70; 475-485 lbs. 66.70-67.00; 500-600 lbs. 63.50-67.80, lot 520 lbs. 69.10; 600-700 lbs. 65.20-65.75; 700-800 lbs. 64.40-65.80; 800-925 lbs. 63.60-65.50. Medium and large frame mixed 1-2 450-600 lbs. 62.60-65.30; 60-750 lbs. 62.30-64.80. Large frame 2 Holsteins 810 lbs. 52.80.

FEEDER HEIFERS: Medium and large frame 1 298 lbs. 69.25; 375-500 lbs. 56.40-60.40; small lot 435 lbs. 62.25; 500-725 lbs. 58.00-60.90, lot 500 lbs. 61.70; package 790 lbs. 56.30; part-load 985 lbs. 58.95. Medium and large frame mixed 1-2 290 lbs. 61.50; 400-625 lbs. 53.80-57.50.

FOR THE WEEK: Feeder steers firm to 1.00 higher. Feeder heifers firm to 2.00 higher.

SLAUGHTER COWS: Steady to 1.00 lower.

BULLS: 1.00-1.50 higher. Late sales Utility and Commercial 2-4 cows 40.00-41.80 with lot low-dressing 37.75. Cutter 1-2 38.50-41.40. Canner and Low-Cutter 35.75-37.30. YG 1-2 Bulls 1150-1500 lbs. 50.00-55.25; 1500-2100 lbs. 52.00-56.00. Salable receipts this week near 19,000 head compared to 9,461 head the holiday shortened period last week and 20,312 head last year.

FEEDER CATTLE AND CALVES: Made up 89 percent of this weeks run; cows and bulls comprised a large share of the remaining 11 percent.

St. Louis Cattle

Thursday, July 15

Report supplied by USDA

CATTLE: Compared to the previous week's close, slaughter steers weak to 1.00 lower. Slaughter Heifers .50-1.00 lower. Cows closing steady to 1.00 lower. Bulls fully steady. Slaughter supply mainly Choice and mixed Good and Choice slaughter steers, around 35 percent heifers and 10 percent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs.

(Turn to Page A32)

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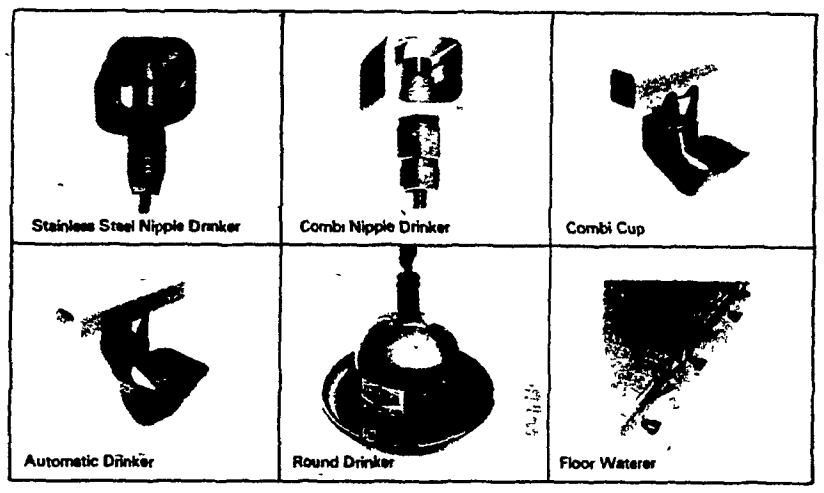

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ITEM	PACKAGING	QUANTITY ORDERED	DELIVERED PRICE	QTY. BUY 10% DISC.
WIRE ..... TYPE III GALVANIZED HIGH TENSILE				
10½,13,14,16 gauges	35 lb. coil		28.50	50 coil
12½ gauge	55 lb. coil		39.95	30 coil
12½ gauge aluminum coated	500 lb. min.		.95/lb	5000 lb.
Electric netting	15 lb. roll		85.00	10 roll
Electric twine	220 yd.		9.75	20 roll
" "	440 yd.		17.00	10 roll
Staples galvanized	50 lb		25.00	500 lb.
" galvanized barbed	15 lb		21.00	150 lb.
FIBERGLASS POSTS				
Heavy duty KENCOVE posts available 2½' to 8' lengths. 5' most popular.				
All available at per foot price	.29 lb./ft.		.65	3000 ft.
FIBERMAX				
Heavy duty available 4' to 6'				
Minimum 100 posts (per ft. price)	.32½ lb/ft		.79	1000 post
Light duty available 4',4½', 5'				
Minimum 100 post (per ft. price)	.11½ lb./ft.		.34	1000 post
POST FASTENERS				
Pre-cut wire SPECIFY LENGTHS	per lb		2.00	1000
Plasti-Klip	100/pkg		5.00	1000
Fiberglass clips Heavy and Light duty	100/pkg		4.00	1000
Wood spacer clips 3 sizes	100/pkg		4.00	1000
SPACERS ..... angle-groove 1½x1½.	Dried hardwood pressure creosoted.		DELIVERY EXTRA	
6 wire 4' Limited supply	3.3 lb ea.		.99	
8 and 10 wire 4' SPECIAL	3.3 lb ea		1.44	
10 and 12 wire 5' SIZES BY ORDER	4.25 lb ea		1.75	1000
multi-groove, see fiberglass posts. CHECK AVAILABILITY AND PRICE ON SECONDS.				
TOOLS				
Crimping tool			89.00	----
Spinning wire unwinder			39.00	----
Chain grab wire puller			55.00	----

ITEM		PACKAGING	QUANTITY ORDERED	DELIVERED PRICE	QTY. BUY 10% DISC.
HARDWARE					
In-line strainer	Donalds			3.20	100
In-line strainer	Hayes style			3.65	100
Handle	Hayes style			7.40	25
Springs	Economy			4.50	50
Springs	Heavy duty			6.00	40
Brace pins 4"	1/4			.20	50
" " 4"	3/8			.40	50
" " 9"	1/4			.40	50
" " 9"	3/8			.70	50
Crimping sleeves	FW 1-2			8.99	20 box
" "	FW 2-3			9.99	20 box
" "	FW 3-4			21.99	20 box
" "	FW 4-5			29.99	20 box
Wirevise				1.15	100
Wirelink				1.30	100
TWIST STICKS	2x2x4	3 lb ea.		.75	
Delivery on twist sticks extra.					
ELECTRICAL SUPPLIES ..					
SPM		NEW		330.00	
HPM		ZEALAND		270.00	
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AN 6 D cell battery powered		BRAND		70.00	
Replacement board	HPM			49.00	
" "	HPB			48.00	
Voltmeter	Digital			125.00	
"	Dial			40.00	
Fence tester				1.95	
Lightning arrestor				3.50	
Underground cable		330' roll		60.00	
" "		per foot		.25	
Electric gate handle				1.39	
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Line taps		20/pkg		7.00	
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Porcelain insulator (not for 12½ ga)		10/pkg		3.00	
Double nail pin-on insulator	PEL	50/pkg		16.00	
Double nail double hook		25/pkg		4.50	
Staple on insulator		50/pkg		4.50	
Insultube		390'		60.00	
"		39'		7.00	
Tube lengths Economy grade	6'	10/pkg		6.50	
" " "	4"	100/pkg		8.00	
" " PEL	4'	100/pkg		14.00	
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6 x 8'	120 lb ea	10.85	11.90
6 x 9'	135 lb ea	13.50	------
10 x 9'	150 lb ea	21.25	

N.E. ag secretaries

(Continued from Page A1)

Referring to the continuing battle to compromise on a 1982-83 federal budget, with the program reductions that will satisfy Congress and the Reagan Administration, De La Garza said wryly, "What might satisfy (David) Stockman might not keep farmers in business."

Increased dairy purchases by the federal government, said De La Garza, have been critically linked to the country's cheap grain policies which served as an incentive for dairy farmers to continue to increase production. Coupled with that encouragement was the 1977 increase in price support to 80 percent of parity.

"A farmer produces to sell," noted the Texas congressman. "This can't be done by legislation. It has to be done by the industry."

Two of the assembled ag commissioners, however, have proposed a dairy plan in Washington that they feel could legislatively help to alleviate the surplus problem. Coined the "Barber plan," this solution was developed as a joint effort between New York's Roger Barber and Vermont's George Dunsmore. It calls for a freeze on Class I milk prices and an increased margin between fluid and maufactured milk. The plan also is tied into regional CCC purchases of dairy surplus.

Pennsylvania Farmers Association President Keith Eckel, however, stated the dairy issue has "played up the East as a non-culprit," while placing the surplus problem on Midwestern states and California. "I don't believe regionalism serves a purpose in that issue," he said. "The dairy surplus management quotas and supply and demand.

Eckel pointed out American Farm Bureau Federation supports supply management quotas and price supports keyed to CCC purchases. However, it opposes any program which would give the U.S. Ag secretary discretion to set the price support level, favoring a trigger mechanism instead.

Eckel advocated stronger sales of dairy products with producers taking the initiative to generate business in domestic and world markets rather than relying on government to do it for them.

"The best situation is where we could market our ten percent surplus," he concluded. This would benefit the Northeast and Pennsylvania, according to Eckel who refuted the claims Pennsylvania is a dairy deficit state by pointing out a PFA study which reveals the state consumes only 73 percent of the milk it produces annually.

Reacting to Eckel's analysis, New York Commissioner Barber argued that the Northeast is producing less milk than a year ago. "A program to cut back nationally would create a milk deficit in the Northeast and Soutwest," he said. He stressed that any future dairy program should not create disincentive for Northeastern producers which could lead to milk being transported over long distances to Eastern cheese plants. He reiterated the need to make fluid milk prices more advantageous.

Ed Coughlin, the new director of USDA's Agriculture Marketing Service dairy division predicted milk production could increase nationwide by 50 percent during the next 10 years if genetic engineering continues to produce heavier milking cattle. He also forecast the possibilities of federal marketing order mergers, despite the philosophical differences between the 49 orders presently dissecting the nation.

Coughlin conceded that one of the shortcomings of the current milk orders is that they don't address "soft products" such as cheese and ice cream.

Along with marketing orders merging, Richard Stammer of AGRI-MARK predicted dairy cooperatives, too, will be merging for increased efficiency. This will lead to more powerful co-ops, he suggested, with the ability to pass along operating costs to milk handlers.

Inter-States Paul Hand concurred with Stammer's philosophy and also predicted the growth and consolidation of dairy co-ops. In addition, he stated the Northeast will witness the expansion of at least one of four major cooperatives. These co-ops, he said, will have to "efficiently provide the annual quantity and quality of milk proprietary handlers want in order to stay in competition."

He warned that proprietary handlers could push USDA and legislators to eliminate co-op income tax privileges and reblending provisions in an effort to equalize cost advantages. He said cooperatives must be able to respond more rapidly with more decisive moves in response to market needs in order to compete.

Featured speaker at Tuesday evening's banquet was U.S. House Ag Committee Chairman E. Kika de la Garza (D-Tx.), center. During a pre-banquet press conference, the Congressman shared his views on the country's dairy situation, linking it to grain exports. With De la Garza are Pa. Secretary Penrose Hallowell, left, and Lancaster Ag Chamber President John Barley.

The future of the dairy industry was "brain-stormed" by AGRI-MARK's Richard Stammer, AMS's Edwin Coughlin, and Inter-State's Paul Hand.

During thier four-day stay in Pennsylvania, the Northeast ag secretaries visited farms in Adams and Lancaster counties. One of the farms they visited was the dairy and poultry operation of Don Hershey of Manheim, left. Here dairymen Hershey, Vermont's George Dunsmore (newly elected president of NEASDA) and Secretary Hallowell, right, share thoughts on raising alfalfa.

Panel focuses on exports

HERSHEY — A panel of experts on the marketing of agricultural products on the world market told Northeastern states' agriculture officials this week that the state and federal government have a major role to play in improving the climate for export marketing.

Ron Davis, assistant to the president of the Colonial Beef Company, Philadelphia told the agricultural officials that the states and the federal government must do a better job of providing guidelines for propsective food exporters. "New export firms face difficulties in everything from language barriers and regulations to the shape of labels needed," he said.

Davis also noted that trade barriers from other nations were restricting export sales in many agricultural commodities. "It's time that the U.S. government began playing 'hardball' with reciprocity agreements," he said. "Government assistance is important if we are to continue our expansion in the world market, facing trade barriers around the world."

Leonard Lobred, director of international trade for the National Food Processors Association, also spoke about trade barriers faced by export marketers. He explained many of the services provided by the Association in helping exporters meet labeling requirements and ingredient standards.

Porter Little, assistant vice president of the Farm Credit Banks of Baltimore told the officials that a new federal law allows the Farm Credit Banks to actively enter the export marketing field through financing international trade at either end. He explained the four types of payment, and talked about the political and economic factors involved in export credit determinations.

Glenn Whiteman, deputy assistant administrator for the Foreign Agricultural Service commented on the services provided by USDA. He explained the tools that can be used in export marketing and advised contact through the U.S. agricultural attaches at embassies throughout the world.

Discussion after the panel meeting included possible actions at the state and regional level to assist agricultural firms in improving their export posture, as well as prospective federal legislation which would allow exporting firms to form Export Trading Companies with antitrust exemptions to improve their viability in the export marketplace.

The ten Northeastern state Departments of Agriculture have created a regional unit for support of agriculture and food exports, the Eastern United States Agriculture and Food Export Council.

NEASDA approves resolutions

HERSHEY — The Northeast Association of State Departments of Agriculture adopted five new resolutions for discussion at the national level to support Northeast agriculture.

Pennsylvania Agriculture Secretary Penrose Hallowell said the resolutions cover a variety of concerns specific to the Northeast. "The five resolutions adopted here form the basis for an agenda of priorities agreed to by the Northeastern State Agirculture State Departments," he said. "Our support for these resolutions is intended to give Northeast Agriculture a strong voice at the national level."

The resolutions cover farmland preservation, animal and plant health, dairy pricing and foreign trade, and will be brought before the National Association of State Departments of Agriculture for concurrence in September.

Resolution One, introduced by Commissioner Frederic Winthrop, Jr. of Massachusetts, calls for support of S 1713, a bill introduced by Senator Mathias of Maryland. S 1713 would exempt income derived by farmers from the sale of development rights from the capital gains taxes. Winthrop said that the legislation would increase farmers' incentive to sell development rights, while decreasing the cost to state or local governments purchasing the rights.

Purchase of development rights is a farmland preservation tool whereby farmers may "sell" the option of developing their land for other than agriculture use. This tool is currently in use in both Massachusetts and New Jersey and under consideration in several Northeastern states.

Resolution Two, sponsored by Arthur Brown, Jr., Secretary of the New Jersey Department of Agriculture, calls for federal reinstatement of the 50 percent cuts to funding of brucellosis eradication programs. Current eradication efforts, have been underway since 1933.

Brown suggested that recent success in curbing the transmission of brucellosis should not be seen as a signal of total victory. "In the many states where brucellosis is still a problem, this funding is still necessary. And brucellosis does not recognize state lines," Brown said. "Until the disease is eradicated, it still poses a major threat to the dairy and livestock industry throughout the nation."

Resolution Three, introduced by Winthrop calls for support of a proposal set by Commissioners Roger Barber of New York and George Dunsmore of Vermont.

"Any reduction in federal support levels should be made in the prices paid for manufacturing milk use," Baroer said. "In 1960, the price paid to farmers for the fluid milk was 40 percent above

(Turn to Page A40)

Sheep producers to vote on promotion program extension

HARRISBURG — Lamb and wool producers will have an opportunity during an Aug. 16 - 27 referendum to vote on whether they want the American Sheep Producers Council, Inc., to continue its market promotion and improvement program on their behalf by entering a new agreement with the U. S. Department of Agriculture.

According to an Agricultural Stabilization and Conservation Service spokesman, the agreement to be voted on is similar to one approved in 1978, except it would authorize larger deductions from producer incentive payments. By approving it, producers will authorize deductions of up to 4 cents per pound on shorn wool and 20 cents per hundredweight on unshorn lambs marketed in 1982. Deduction rates from 1978 through 1981 were 2-½ cents and 12-½ cents, respectively, he said.

The new agreement will provide for USDA to withhold part of any wool incentive payments that might be made to producers on 1983-85 marketings to finance the council's promotion activities.

Deductions would be used by the council to finance advertising and sales promotion programs for wool and lamb, and programs to develop and disseminate information on product quality, production management and marketing improvement for wool and sheep.

County offices of the Agricultural Stabilization and Conservation Service will distribute copies of the agreement and ballots to sheep producers in early August. Producers may cast their ballots by mailing or delivering them in person to county ASCS offices by the close of the referendum.

Anyone may vote who has owned sheep six months old or older for at least 30 consecutive days during 1981. Votes may be cast by individuals or by cooperatives. Members of cooperatives which cast votes will not be eligible to vote separately in the referendum. The agreement requires approval by two-thirds of the total volume of producers, or two-thirds of the total volume of production represented in the referendum.

The National Wool Act of 1954 provides the authority for deductions and for promotion activities. Sheep producers have approved the program in each of the seven referendums held since 1954. In the most recent referendum of 1978, 75 percent of the producers approved of the program.

Questions may be directed to any county office of the Agricultural Stabilization and Conservation Service, USDA.

York Beekeepers honor Minnick

RED LION — Quay Minnick, veteran York County beekeeper, was honored at the June meeting of the York County Beekeepers Association.

An award was presented to Minnick for his long-time service to the association, including hosting the June meeting for the past 42 years. At 87, Minnick has been involved in beekeeping for 71 years.

Strawberries and ice cream were served and a few hives were opened for inspection.

The next meeting will be held at 5 p.m. on July 31 at the home of Erwin Miller, New Freedom. A corn roast is scheduled and new members are welcome.

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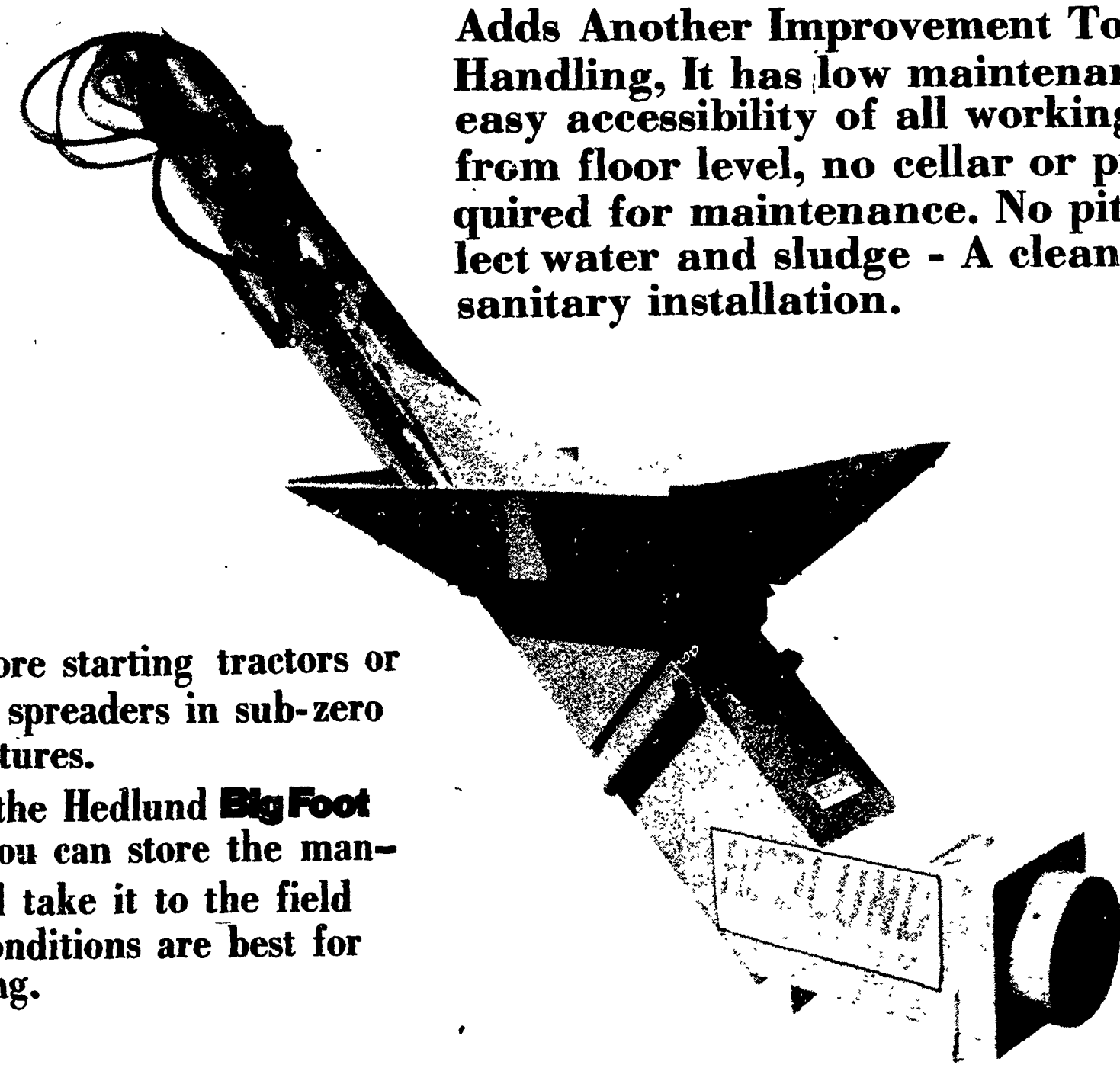

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Rains cause rills

Develop a pasture "water fountain"

LEESPORT — Springs in pasture fields are sometimes a nuisance, creating a favorite swamp hole for cattle and sheep to "muck" through on hot summer days. But, if developed, these same springs could be turned from miserable marshes to functional, refreshing "water fountains" for livestock.

Converting this drainage problem into a working watering system requires a three-part plan, according to Tina Didyoung, soil conservation technician with the Berks County Soil Conservation Service. First, the seepage needs to be collected, before it works its way out on the gorund's surface, through a series of tile lines which lead into a collection box or "well." From here the water feeds into a pipeline a gravity flows to a trough.

Once the spring development is completed, Didyoung recommends farmers inspect it on occasion to gauge the degree of sediment or debris buildup. She suggests copper pipe or cleaning pads be placed in the spring box to "reduce accumulation of algae in the storage system." Didyoung also advises farmers to fence livestock away from any exposed collection boxes.

"When inspecting the spring box, check to see if there is still a water-tight connection between the box and the pipeline," reminds Didyoung. "Air locks occur if the pipeline has sags; these can be removed by pumping water through the line. To prevent air locks you can install air vents in the spring box or re-lay the pipe on grade without sags or high points."

Surface drainage and overflows should be diverted away from the watering facility, she adds. And gravel or paving adjacent to the trough will protect the area as well as improve access by livestock.

Frequently check the automatic water level device and overflow to assure that it is operating properly, she concludes.

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Milk, overproduction or underconsumption

What is happening to the dairy industry? Are dairy farmers really over-producing or are consumers just using less? In a way it really makes no difference because both spell surplus.

If the American consumer had used the same amount of milk products in 1980 and 1981 as in 1979 (just 3 years ago), the surplus would be less than half of what it is now. If we were consuming milk products at the same level as we were in the mid-1960s, we would have a milk deficit not a surplus.

What does this have to do with management? The only way I can answer that is to say that the manager of any business has to know more than just how to produce. A manager must know how to figure, how to make decisions, and the effects of consumer desires on his or her business. Also of importance are the tactics of that manager's competitiors, proper identification of the competition, what is happening in the field in general.

I realize that many farmers say let someone else worry about all of those things. That would be nice and I'm sure could enhance the overall efficiency of agriculture. On the other hand you as a farmer should be looking at the situation as one of "survival". If you can't survive as a dairy farmer, you don't have to worry about being a manager.

Why the decrease?

Why the decrease in consumption? The question is short, but complex. The answers are long, varied, contradictory and may even be irrelevant to the facts. Basically they revolve around several points:

— The consumer has been hit by a stagnant economy with fewer discretionary dollars. All consumers buy first on whim or for convenience. Example: a low income family in the city buys dinner at the "deli" because it's prepared, the deli-owner will carry them on credit, the family members don't have to do dishes. The dinner will seldom include milk because it tastes bad, is expensive, and does nothing for them (that they are aware of).

Example: a dairy farmer's family goes to a posh restaurant on a once-a-year binge. The parents drink coffee and the children drink ice tea or pop because the milk is warm, tastes bad, is expensive, or is not like the stuff at home.

— The consumer believes part of what she or he sees on TV, reads, hears or feels. Diet drinks are in and non-diet drinks are out. The beer industry and the pop industry are aware and capitalizing on that.

— Wants often come before needs unless a person is at a level where needs must be satisfied to survive. Potato chips are far more expensive and fattening, and cholesterol-raising than potatoes or for that matter milk on a pound-for-pound basis. Even the destitute purchase potato chips as a snack.

— Cholesterol has become a common word in our language. Whole milk, butter, ice cream, and some cheeses have been linked to cholesterol (rightly or wrongly). When tobacco smoking was linked to cancer, what did the industry do - cry and deny it? No they produced cigarettes with filters, less tar, etc. The profits rolled in.

— Milk has no sex appeal in the major consumer population centers.

What can you do?

As I said earlier, it is a time of survival. One young dairyman wrote a letter awhile ago that in effect said "I have to continue to produce as much as I can because what may be good for the industry is not necessarily good for me". He was right. To survive you must be a complete manager. Know your business, your consumers' wants as well as needs, the political actions that affect your business, and above all your competiton, including your fellow dairy producers.

PGC to meet

HARRISBURG — Routine business items are on the agenda for an interim summer meeting of the Pennsylvania Game Commission, scheduled to begin at 8:30 a.m. on Wednesday, Aug. 11. The meeting, open to the public, will be held at the Holiday Inn, 1450 S. Atherton St., State College.

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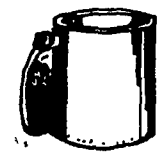

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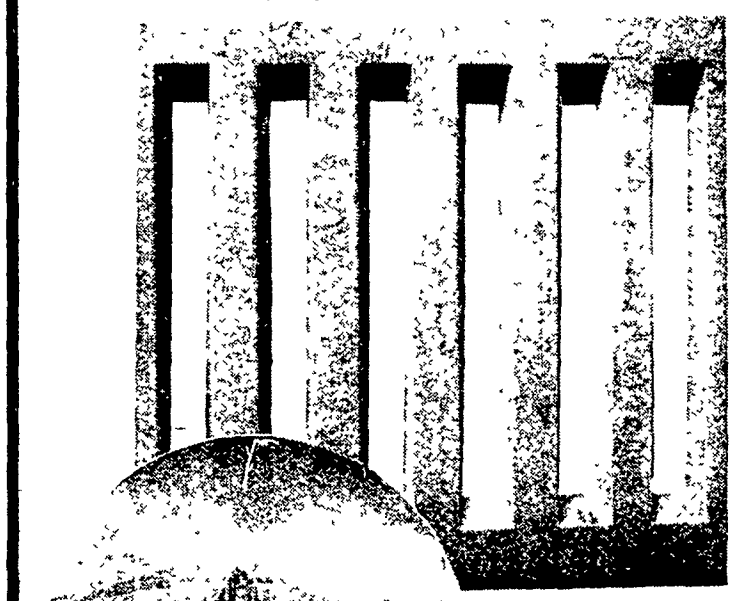

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Dorset tops Keystone Stud Ram and Ewe Show

Stephen Myers of Rushylvania, Ohio exhibited his Dorset junior ram lamb to Supreme Champion honors of the Keystone Stud Ram and Ewe Show, held last weekend at the Farm Show complex.

By Donna McConaughey

HARRISBURG — Sheep breeders from the Midwest and Eastern United States gathered at Harrisburg recently for the annual Keystone Stud Ram and Ewe Show and Sale.

Breeders from Pennsylvania, Ohio, and Maryland left the Farm Show Building with many of the top prizes.

Supreme Champion Ram honors went to a Dorset exhibited by Stephen Myers of Rushylvania, Ohio. The junior ram lamb not only caught the judge's eye but also has a strong pedigree to back the high quality. This prize-winning ram is sired by "Dynasty" Morehead 714 out of a Morehead dam.

Supreme Champion Ewe honors were captured by Larry Orwick and daughters of McComb, Ohio with their Suffolk yearling ewe. This outstanding ewe is sired by Albatross Zernhel H-7 out of an Orwick dam.

Pennsylvania breeders left their mark on the Dorset competition with the Champion Ewe title going to a yearling exhibited by Penn State. The reserve champion dorset ewe was exhibited by Dr. and Mrs. Robert D. Herr and family of Narvon.

The Merino competition found another Pennsylvanian capturing top honors with Calvert Farm of Spraggs exhibiting the champion ram. The reserve champion ram was exhibited by Thomas Stock Farm of Kensington, Ohio. Jeff and Julie Harwood of Michigan exhibited the champion merino ewe. And the reserve champion ewe was exhibited by Charles R. Clouser and daughters of Nova, Ohio.

The champion suffolk ram was exhibited by Duane Sickels of Winchester, Indiana. Reserve champion Suffolk Ewe honors were won by Joe Schmidt of Columbus Grove, Ohio.

Buster Wilson of Rural Retreat, Virginia took home top honors in the Hampshire competition with his champion ram. Other well-known names in the Hampshire industry which claimed top honors at the Keystone Stud Ram and Ewe Show included: Van Vleck Farm of Woodbury, Conneticut with the champion Hampshire ewe, and Niemeier Hampshires of Edwardsville, Illinois taking home Reserve Champion Ram and Ewe honors.

Double winnings were the rule in Southdown competition. Mark and Dale Smith of Crawfordsville, Indiana took home both Champion Ram and Ewe awards. The W. G. Carpenter and Son firm of Jefferson, Maryland captured both Reserve Champion Ram and Ewe honors.

The Corriedale show resulted in Champion Ewe honors going to Charles McCrae of Mohnton, Pennsylvania. Jagger Brothers of Mount Gilead, Ohio captured Champion Corriedale Ram honors, and L. D. Cook and Sons of New London, Ohio exhibited the reserve champion ram and ewe.

Edward Peckham of Massachusetts exhibited both the champion and reserve champion Shropshire rams and Peter D'Ambra of Missouri exhibited the champion and reserve champion Shropshire ewes.

In Cheviot competition, Cindy Exelby of Michigan exhibited the champion ewe. The champion Cheviot ram was owned by Judy Moore of Michigan. The reserve champion Cheviot ram was exhibited by Sprake and Wilson and the reserve champion Cheviot ewe was shown by Budd Martin of Willard, Ohio.

The Gretchen Johnson Family of Alliance, Ohio captured both Ram and Ewe Championships in the Rambouillet competition. The Reserve Champion awards went to Kenneth T. Moore of Rome, Pennsylvania.

Penn State exhibited the champion Dorset ewe. The yearling was shown by Dick Kuzemchek, shepherd.

The Supreme Champion Ewe of the 1982 Keystone Stud Ram and Ewe Sale was exhibited by Larry Orwick and Daughters of McComb, Ohio. Larry proudly presents the Suffolk yearling ewe that won this coveted honor.

The champion Corriedale ewe was owned by Charles R. McCrae of Mohnton, Pennsylvania and shown by Heath Remp.

Pennsylvanian Robert Calvert exhibited the champion Merino ram owned by Truman and Robert E. Calvert of Spraggs.

Judy Moore of Eagle, Michigan exhibited the champion Cheviot ewe.

(Turn to Page A23)

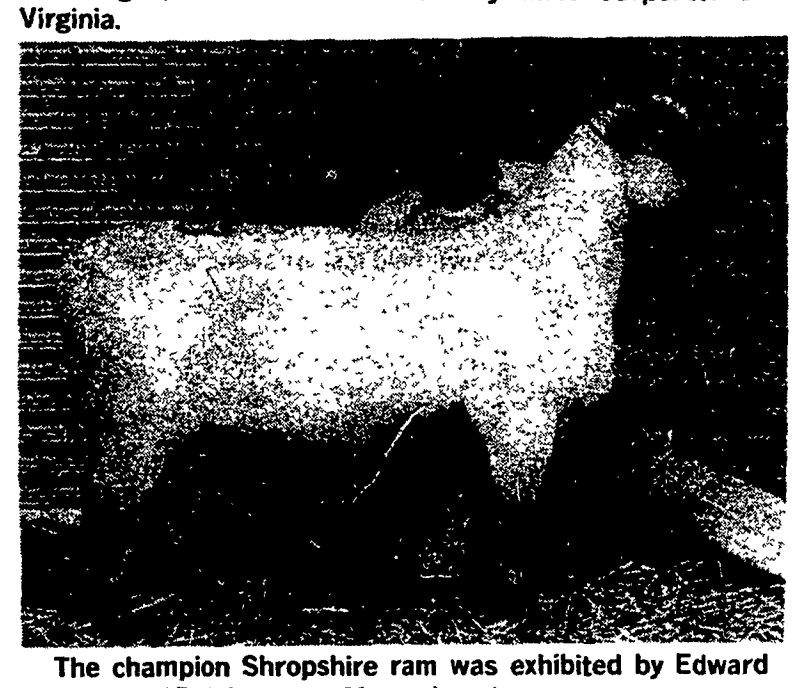
The champion Merino ewe was owned by Jeff and Julie Harwood of Michigan and exhibited by Judy Moore also of Michigan.

The champion Hampshire ram was exhibited by Buster Wilson of Rural Retreat, Virginia.

Marcia and Duane Sickels of Winchester, Indiana exhibited their yearling son of Sound Investment to Champion Suffolk Ram honors.

Cindy Exelby of St. Johns, Michigan exhibited the Champion Cheviot Ram.

The champion Shropshire ewe, owned by Peter D'Ambra of Showhegan, Maine was exhibited by Mike Carpenter of Virginia.



The champion Shropshire ram was exhibited by Edward Peckham of Belchertown, Massachusetts.

The champion Corriedale ram was exhibited by Jagger Brothers of Mount Gilead, Ohio.

Dale Smith exhibited the champion Southdown ewe during the annual Keystone Show. The Smith firm of Crawfordsville, Indiana also captured Champion Southdown Ram honors.

(Turn to Page A 28)

Kulps host Berks Holstein

The picturesque Berks County dairy farm of Clarence and Nancy Kulp provided a scenic backdrop for Wednesday's county Holstein Club field day. Together with milking string and young stock, the Kulp family owns 130 head of registered Holsteins.

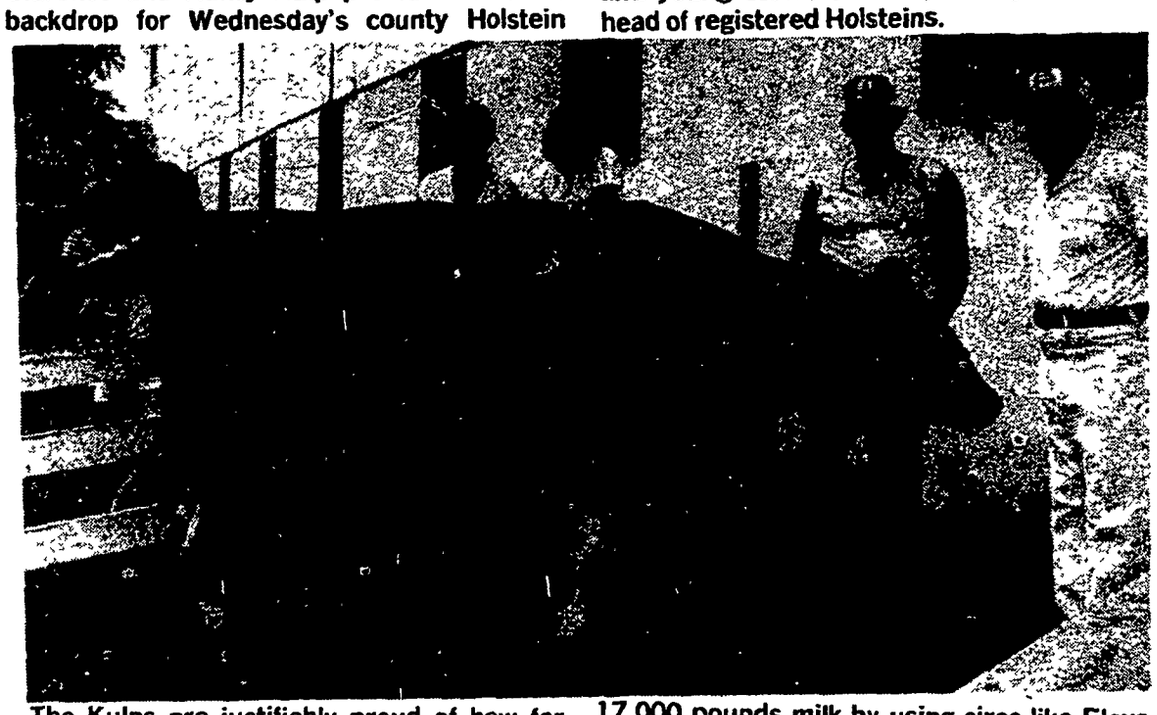
CENTERPORT — Clarence and Nancy Kulp's farm provided a picturesque setting for Wednesday's Berks Holstein Club's summer field day.

The local Holstein breeders had three acres of lawn to stretch out on for the day's activities, but most of the crowd congregated under much-appreciated shade trees near the house — escaping the summer sun but not the heat.

Club members gave their cattle-judging eyes some practice as several cows bearing the Clar-Nan prefix were presented for their critical once-over.

Topping the Youth Division in the judging competition was Penny Bicksler of Richland, the daughter of Ray and Barbara Bicksler. The Bicksler's Russelldale herd numbers 45 registered Holsteins.

Miriam Ruth of Fleetwood and Mary Jane Stoltzfus of Morgantown finished with a tie score for first place in the Women's Division. Miriam is married to Holstein breeder and Lehigh Valley president Alpheus Ruth. Mary Jane and husband Harvey Stoltzfus milk 60 head of registered Holsteins on their Pennwood Farm.



The Kulps are justifiably proud of how far they've come in the dairy business during the past 12 years. Although their herd started with grade cows, the Kulps have built their present day registered herd that averages more than 17,000 pounds milk by using sires like Elevation, Gemini, and Jet Stream. This Jet Stream daughter pumped out 23,000 pounds in 305 days.

Winners of the dairy judging contest were: from left, Alton Rohrbach, Shoemakersville; Penny Bicksler, Richland; and Mary Jane Stoltzfus, Morgantown. Mirian Ruth, not pictured, also tied for first place in the Women's Division.

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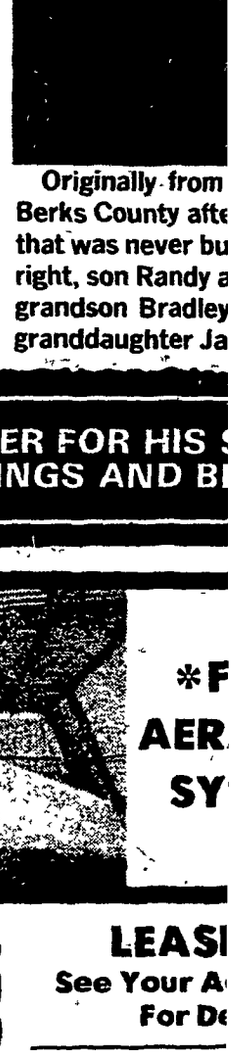

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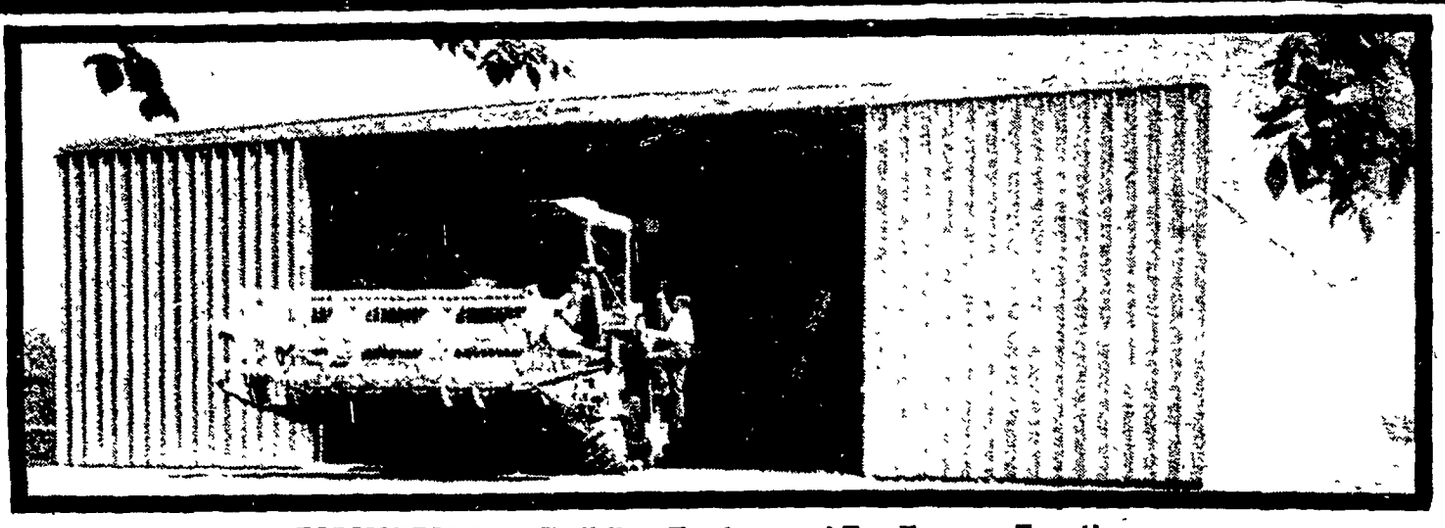

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Berks Holstein Field Day

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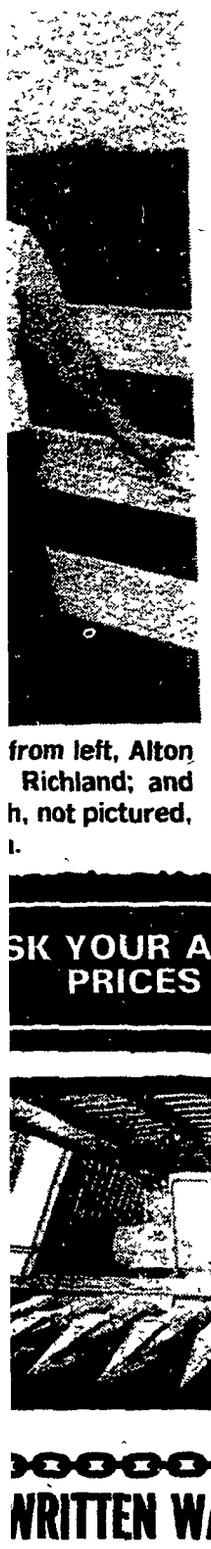

from left, Alton
Richland; and
h, not pictured,
.

Alton Rohrbach took top honors in the Men's Division. The Shoemakersville dairyman milks 46 head of registered and grade Holsteins on his Lacy-Acres farm. Rohrbach emphasized it's "Lacy" not "Lazy."

While the Holstein Club members hid under the shade trees for comfort, the 70 head of registered Holsteins on the Kulp farm kept cool inside the stanchion barn as fans circulated a welcomed breeze. Keeping the cows comfortable is just one of the reasons they put more than 17,000 pounds of milk with 624 pounds of butterfat

(Turn to Page A40)

Originally from Montgomery County, the Kulps moved to Berks County after the state purchased their farm for a park that was never built. The family includes Clarence and Nancy, right, son Randy and his wife Robin, left, daughter Cindy, and grandson Bradley. Not pictured were daughter Lynette and granddaughter Jaime.

Gary Bicksler, left, placed first in fitting; Scott Youse placed second and Naomi Herbert, placed third during last week's showmanship classes at field day.

Berks Junior Holstein holds field day

By Laurel Schaeffer

CENTERPORT — Meeting on a hot summer day, over thirty members of the Berks County Junior Holstein Club conducted their annual field day last Friday on the farm of Roy Hoppes, Centerport. The field day gave younger members of the club an opportunity to learn showmanship and fitting skills from more experienced members.

Club members were divided into thirteen teams, each having a senior club member for guidance, and given a heifer to prepare for showing. Following a morning of fitting and grooming, the junior members showed their animals before judge Sue Beshore formerly of Kutztown and a past member of the club.

Beshore placed the classes and gave many helpful comments to the individual showmen. Following are the placings:

Junior Fitting

1. Gary Bicksler, Richland; 2. Scott Youse, Oley; 3. Naomi Herbert, Kutztown.

Showmanship

9-10

1. Duane Stump, Bernville; 2. Scott Youse, Oley; 3. James Weider, Kempton.

11-12

1. Diane Troutman, Myerstown; 2. Kirk Sattazahn, Womelsdorf; 3. Jonathan Grimes, Strausstown.

13-14

1. Naomi Herbert, Kutztown; 2. Gary Bicksler, Richland; 3. Susan Troutman, Myerstown.

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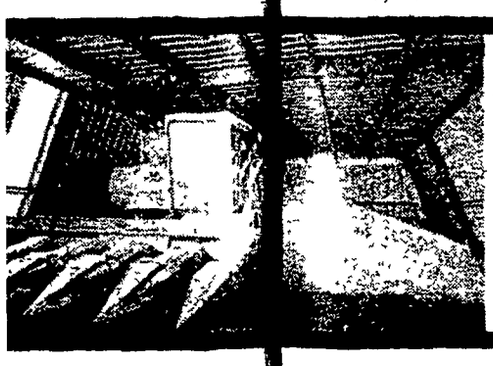

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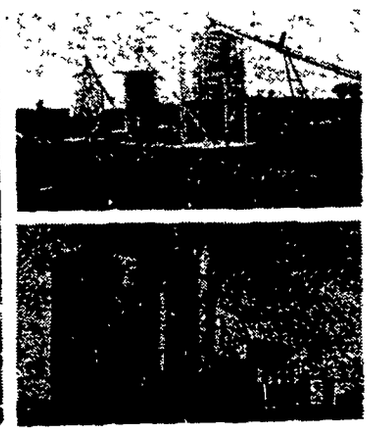

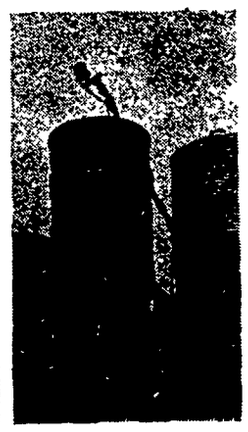

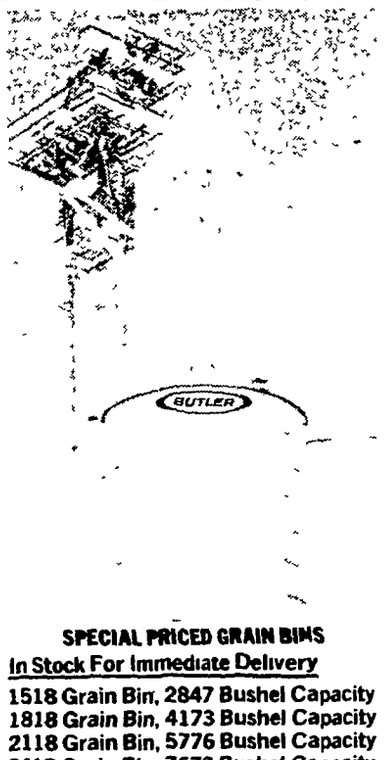

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Family support helps make 'Smiling Holstein' a reality

BY DONNA TOMMELLEO

GAP — Any dairy princess can attest, before her reign is over she'll wear miles of smiles to promote milk.

Joyce Stoltzfus had plenty of practice before she was chosen as Lancaster County Dairy Princess in 1978. When the "happy face" culture inundated America about 10 years ago, Joyce remembers constantly asking her father Nathan for happy face items — pencils, T-shirts, etc.

But the Lancaster County Holstein breeder told his daughter to wear her smile on her face, instead. That philosphy has stayed with Joyce and eventually she got the nickname around home as "Smiley."

Her dad's advice also helped provide the ground work for a new Holstein prefix — Smiling Holsteins — shared by Joyce and husband Clifford Blank.

"I like to say the cows are happy to be making milk," the 22-year-old woman explained. It will be a while, however, until the first Smiling Holstein, begins milking since most of the herd includes animals which Joyce and Clifford bought from Nathan Stoltzfus and carry the Con-Nol prefix.

The young couple entered married life with the hopes of continuing dairying. Both had grown up on dairy farms. Joyce spent her life on a purebred Holstein dairy and was quite active in 4-H. Joyce said she left tractor-driving up to her brother and sister and preferred to stay in the barn with the cows.

Clifford, 22, however, saw quite a bit of field work while growing up on a dairy near Parkesburg, Chester County. In addition to helping with the family's 50-cow commercial herd, Cliff and his five siblings assisted in harvesting the farm's asparagus and potato crop.

Clifford and Joyce keep an eye on the future. The calf is among the first animals to carry the Smiling Holsteins prefix. The calf, dubbed Gloria is sired by Drovers Inn Super Blend.

Joyce and Clifford Blank are finishing their first year on their dairy farm. The Gap couple are products of dairy farms-Cliff from a commercial dairy and Joyce from a registered Holstein farm.

From their respective home farms, Joyce and Cliff had a combined herd of about a dozen cows. The couple searched for a dairy to rent but as their March 1980 wedding neared, the selection dwindled.

"We just couldn't find anything," Joyce explained.

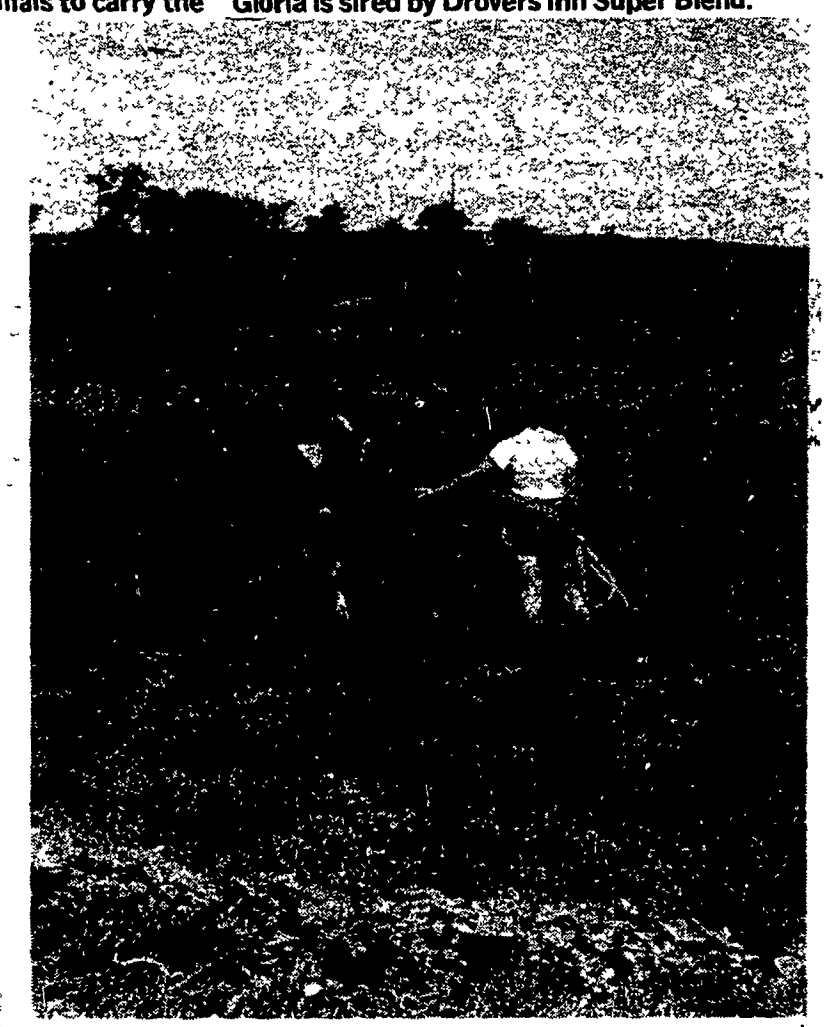
Finally, the Blanks worked out an agreement with Nathan Stoltzfus. They purchased a trailer and Cliff began working full-time for his father-in-law, while Joyce took on a full-time job with a nearby food market.

A year later, a dairy farm became available and this time it was Clifford's side of the family who helped the couple.

His uncle Jacob Kreider rented his barn and a house trailer. All the Blanks had to provide was the herd.

In order to increase their herd of 12 head, Joyce and Clifford bought about 20 animals from Nathan Stoltzfus. At the time, Stoltzfus was milking 60 cows in a 51-stall barn and had to switch animals during milking.

The Blanks purchased cows whose freshening dates were spread out over the year and when combined with the original dozen assured them of a constant supply of milk, Joyce explained.



Joyce wins the confidence of Con-Nol Gay Rosene Ex, one of the foundations cows who made the move with the Blanks from Joyce's home farm.

"We got some above average and some below average, but all together we got a pretty fair herd out of it," she noted.

The original dozen included Con-Nol Gay Rosene, "my favorite show animal," said Joyce.

The Excellent Harrisburg Gay Ideal daughter collected several Reserve Grand Champion rosettes for Joyce throughout her 4-H career. But it wasn't until Joyce's final year that the big, black cow and Joyce went out in a flourish and took home the Grand Champion title in 1979.

Pleased with Rosene's performance both on tanbark and in the barn, the Blanks set out to buy her dam. Nathan Stoltzfus had sold Rosene's dam Robin, earlier. The Blanks located the new owner and eventually brought the Ivanhoe Star granddaughter home.

Clifford and Joyce moved onto the Krieder farm in April of 1981 and brought the cows along two months later. Joyce explained they wanted to wait until her father classified his herd so that their animals could be classified in the same unit.

Just before the Blanks moved the herd, however, Joyce's first 4-H animal freshened but went down with milk fever and mastitis. The complications proved too much for the aged cow who soon died.

When the move was complete, Clifford and Joyce arrived with 31 cows, some milking equipment and plenty of ambition.

"We're better off than most new farmers," Cliff said. "We have a low overhead, no land or machinery. Our money is tied up in the cows."

With uncertainty hovering over the dairy price support program, Cliff and Joyce prefer to stay at their present size.

(Turn to Page A42)

In preparation for next week's Lancaster Co. Holstein Show, Joyce puts a senior yearling through her paces while Cliff looks on.

Pa. Rural Electric Assn. honors 2 for service

BEDFORD SPRINGS — Awards honoring service to the rural electric program, adoption of several resolutions and addresses by gubernatorial candidates highlighted the annual summer meeting of the Pennsylvania Rural Electric Association last week at Bedford Springs.

More than 200 directors, managers and other leaders of rural electric cooperatives in Pennsylvania and New Jersey attended the sessions held July 7-9.

The PREA's Man of the Year Award went to Dale Mumford, who has served for more than 30 years as a director of the Northwest Rural Electric Cooperative in Crawford County. He has served as director and president of the statewide association and also is active as chairman of the PREA's political action committee.

This award is presented annually to someone in the rural electric cooperative program who has provided longtime and outstanding service.

The second award made by the PREA was the Miracle Mile Award, which is presented to someone outside the program who demonstrates outstanding support of the rural electric cooperative effort.

This award went to State Rep. Clarence Deitz, of Somorset-Bedford, for his longtime support of legislation favoring rural electric coopetratives and consumers. He was specifically cited for the Territorial Protection Act, which sets down specific boundaries of utility service areas.

Among resolutions adopted at the meeting were those:

–Requesting the Administration and the Pennsylvania Congressional delegation to support the synthetic fuels industry and its research.

--Supporting legislation to restructure the Federal Reserve System to promote harmonious fiscal policy.

--Asking the Pennsylvania Congressional delegation to support the establishment of a Northeast Power Administration, a power marketing agency similar to TVA which could aid with such projects as small hydro development.

–Expressing support of some type of federal Farm Crisis legislation, which would be designed to help preserve the family farm.

Keynote speaker was Gov. Dick Thornburgh, who reviewed his record as governor. Also addressing the group was Congressman Allen Ertel, Democratic candidate.

In the area of agriculture, Thornburgh pointed to the 30 pieces of farm legislation that have been passed during his administration. He also discussed some energy topics, including a mine mouth coal utility at Tamauqua, solar and support of legislation favoring small hydro development.

In expressing his support of the cooperative concept, Ertel outlined a proposal for a Keystone Economic Development Authority, which would utilize pension fund monies to expand economic development in rural areas.

How's your cow traffic?

UNIVERSITY PARK — A lot of time and operator frustration can be involved in moving cows into a milking parlor.

In a new milking center, consider leaving out the wall between the parlor and the holding area. Cows in the holding area can stand and watch the milking procedure rather than being on the outside looking in. A cow will feel less like whe is going some place else when whe walks into the parlor. This also eliminates the need for opening and closing parlor doors, says R.E.Graves, Penn State Extension ag engineer.

A common parlor holding area combined with an extension of the operator's pit into the holding area and proper placement of fences to funnel cows into parlor lines can increase milking rate. Anything that leads to smoother cow flow will be less frustrating for both the cow and the operator and should result in a better milking operation, Graves suggests.

In colder climates one or more overhead garage doors are often used to close off the parlor area from the holding area when there are no cows in the holding area. This reduces heat loss and also separates the milking area from the parlor when cows are not being milked. It is essential that the parlor and holding area be properly ventilated.

When a wall is placed between the holding area and the parlor be sure to put a door in the end of the parlor operators pit. This allows the operator access to the holding area without first driving cows away from the door.

In new parlors, place the door at pit level and extend the pit into the holding area. If an existing parlor does not have a door at the end of the pit, bust a hole in the wall and install one! It will save time and frustration. Parlor designs that do not allow for direct operator vision and access to the holding area should not be used.

As with any dairy construction, be sure to discuss your plans with the appropriate fieldmen and inspection agencies.

If you are planning to build or remodel your milking center you may wish to obtain a copy of the Milking Center Design Manual NRAES-12. This manual includes information from national experts in milking center design and operation. It can be ordered through your county Extension office or Room 204 Agricultural Engineering Building, University Park, PA 16802. The cost is $9.00.

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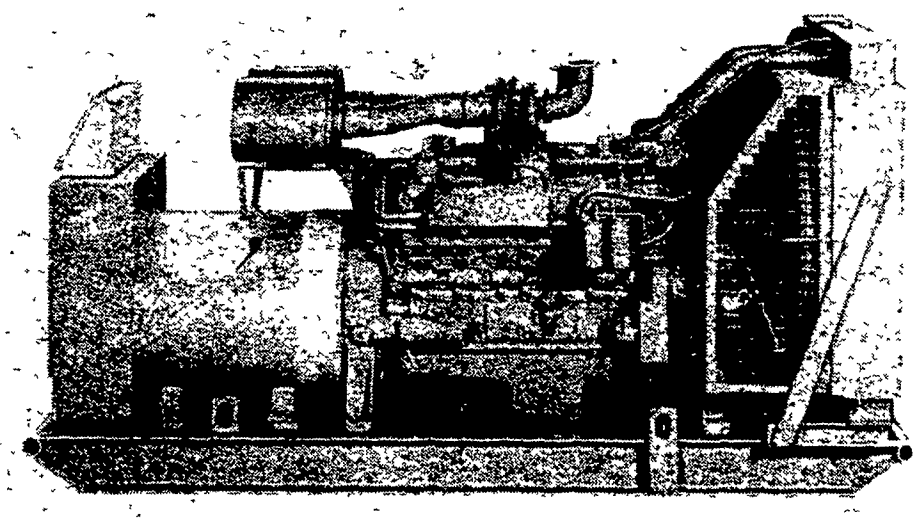

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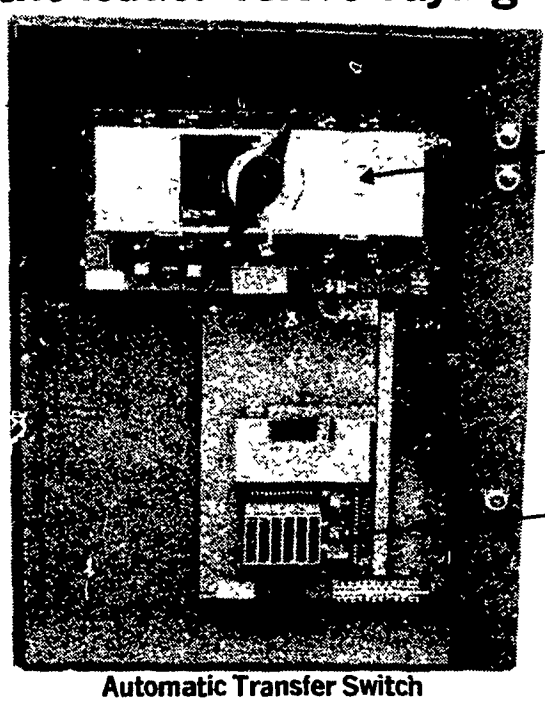

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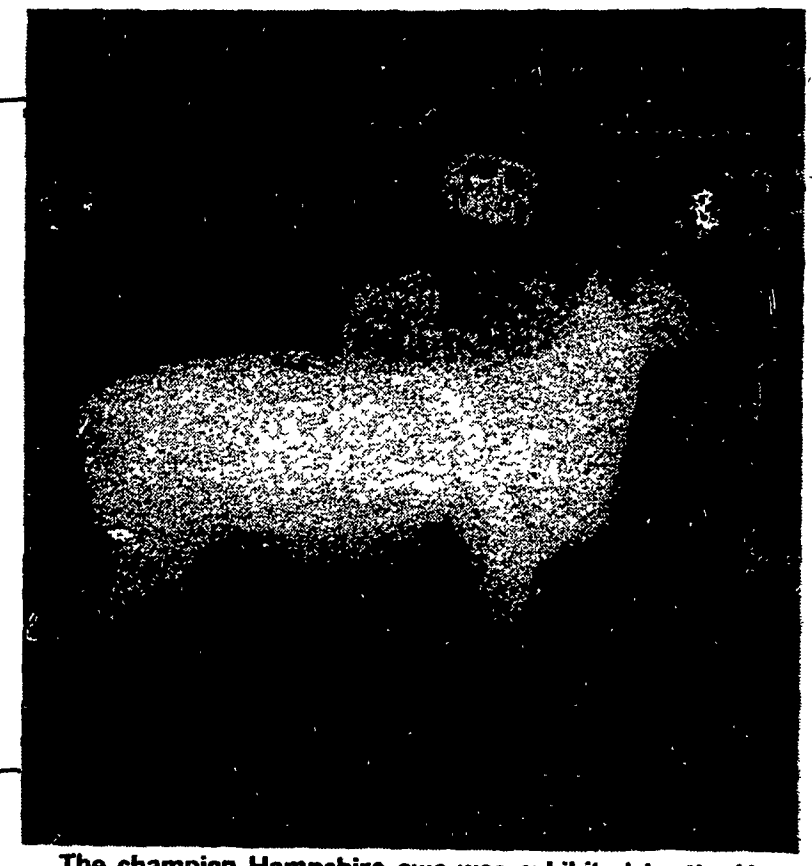
Walt Johnson exhibits the yearling ram that captured Champion Rambouillet honors for the Gretchen Johnson Family of Alliance, Ohio.

Keystone show

(Continued from Page A23)



The champion Hampshire ewe was exhibited by the Van Vleck Farm of Woodbury, Conneticut.

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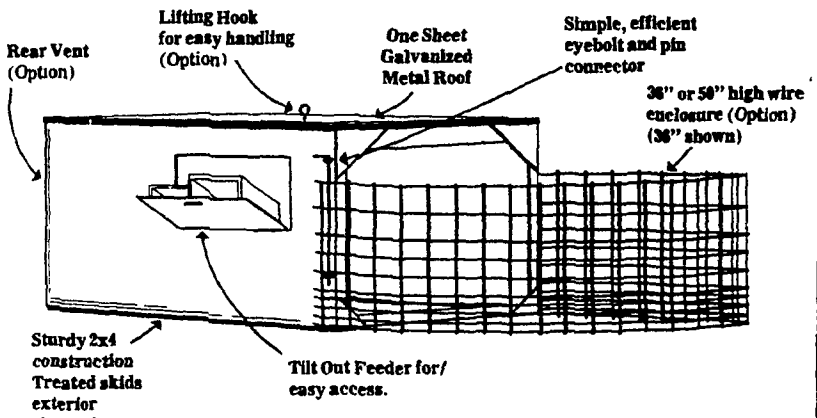
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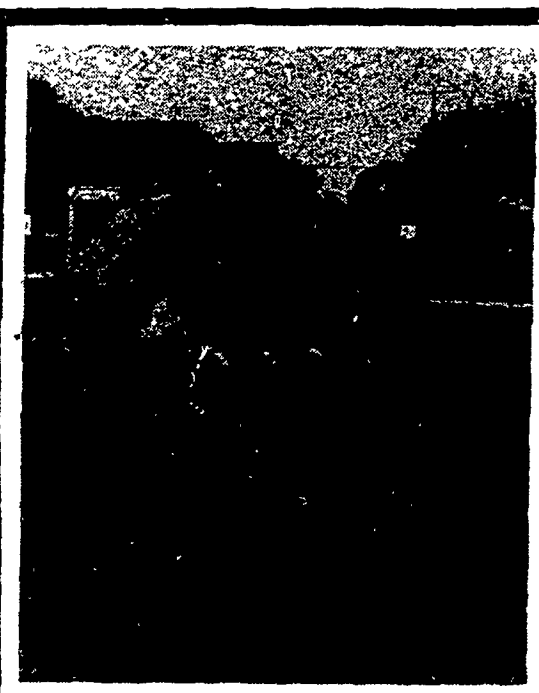

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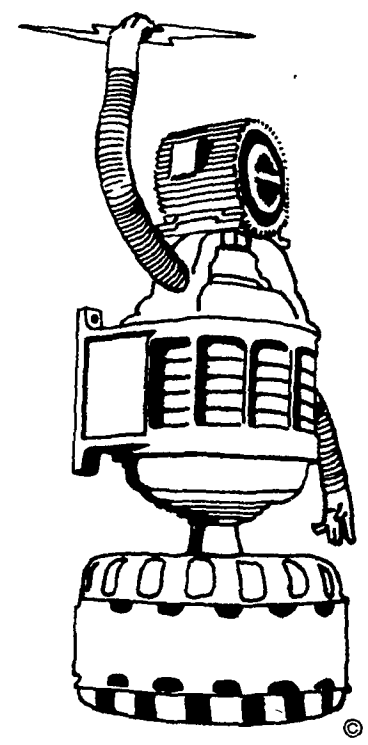

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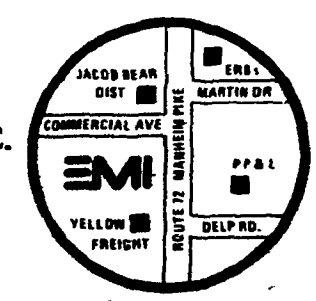

CONVENIENT LOCATION

USDA proposal brings meat import regs in line

WASHINGTON, D.C. — The U.S. Department of Agriculture proposed to clarify and expand existing USDA programs which provide for random sampling of imported meat for species identification and chemical residue levels. Public comments will be accepted until Sept. 7.

The proposal would bring imported meat inspection regulations — both in the exporting countries and at U.S. ports — in line with amendments to the federal inspection law contained in the 1981 farm bill, said Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

"Congress and the administration intend that the inspection standards for sanitation, quality, species verification and residue levels that apply to domestic meat also apply to imported meat," he said.

The proposed regulation would strengthen the public's assurance of safe, wholesome and properly labeled products, Houston said.

The 1981 farm bill amended the Federal Meat Inspection Act by requiring that all imported meat be subject to the same inspection standards as domestic meat, Houston said.

The meat inspection act now requires random sampling and testing at U.S. ports to determine the species of and residue levels in meat imports. It also requires exporting countries to conduct random, USDA-approved residue tests on the internal organs and fat of slaughtered animals.

Comments should be sent to: FSIS Regulations Office, Rm. 2637-S, USDA, Washington, D.C. 20250. Notice of this action was published in the July 8 Federal Register.

Lebanon Holstein Club to meet

LEBANON — The Lebanon County Holstein Club will hold its summer field day on July 30 at the Ferris Musser Farm, Buffalo Springs.

Speaking to the members and guests will be E. Wayne Beshore of R1 New Cumberland, York County. The renowned Holstein breeder will also serve as the evening's official judge.

The annual event will begin at 7 p.m.

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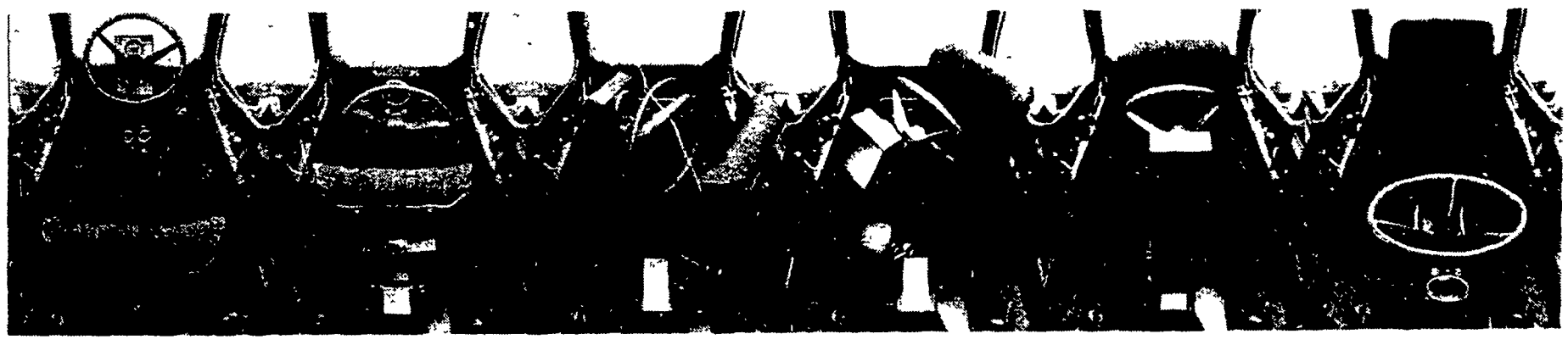

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Myers to address Md. Districts

COLLEGE PARK, Md. — Peter C. Myers, chief of the U.S. Soil Conservation Service, will address about 200 soil conservation leaders at the Maryland Association of Soil Conservation Districts' summer meeting on Thursday, July 15. He will speak at the banquet, at 7 p.m., at the Fenwick Inn in Ocean City, MD.

Myers, head of SCS since April 15, is the first political appointee to head up the agency. He will talk about changes the administration proposes for the nation's soil and water conservation program. He will also talk about the agency's emphasis on the use of no-till or conservation tillage as a way to reduce erosion on the nation's farmland.

Officials from the state's 24 soil conservation districts as well as cooperating local, state, and federal agencies will meet at the two-day session, July 14-15, to discuss common concerns. D. Lyle Jarrett, senior agronomiust for Bio Gro, a sludge application firm, will talk about the use of farmland for sludge disposal at 1:30 p.m. on July 15. At 2 p.m. that day, there will be a panel discussion on acid rain. Speakers include Sam Martin from the Baltimore Regional Planning Council and Brian Katz from the U.S. Geological Survey.

Also on hand will be Norman A. Berg, former SCS chief who is the state's newest soil conservation district supervisor. A consultant with the American Farmland Trust, Berg was appointed to the board of the Anne Arundel Soil Conservation District June 17, 1982.

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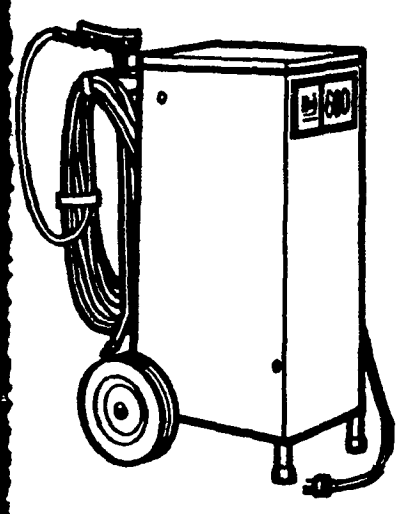

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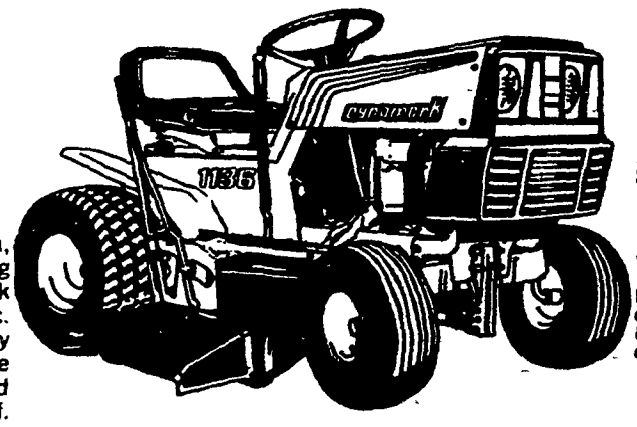

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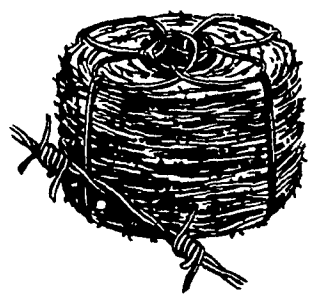

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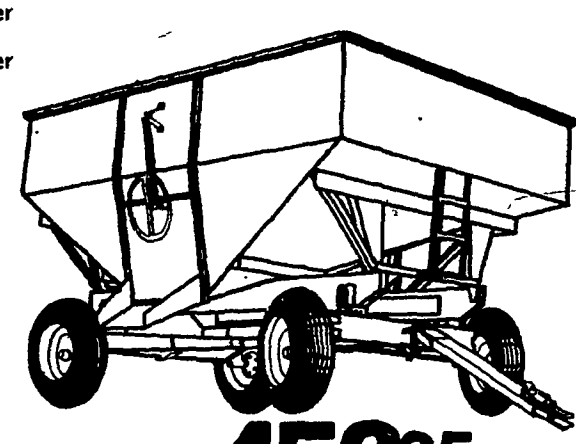

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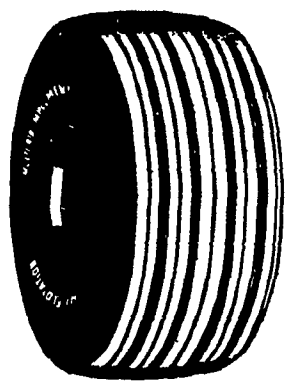

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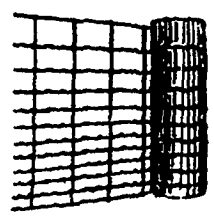

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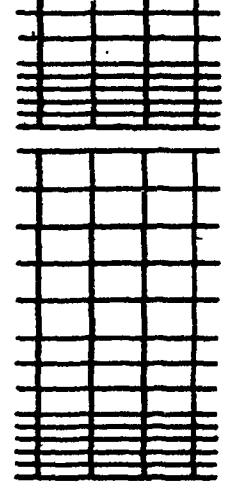

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Livestock market and auction news

(Continued from Page A17)

66.00-67.00 early, not tested late. Choice 2-4 950-1250 lbs. 64.00-66.00 closing 64.00-65.25. Mixed Good and Choice 2-4 900-1175 lbs. 62.50-65.00, closing 62.50-64.00. Good 2-3 900-1200 lbs. 61.00-63.00. Mostly Good 2-3 1050-1350 lbs. Holsteins 55.00-60.00.

(Through mid-week) mixed Choice and Prime 2-4 900-1050 lbs. 64.00-64.50, couple packages at 65.00. Choice 900-1050 lbs. 62.50-64.00; 800-900 lbs. 58.00-62.50. few closing sales 58.00-61.50 Mixed Good and Choice 2-3 800-1000 lbs. 57.00-60.00. Good 2-3 800-950 lbs. 54.00-57.00.

COWS: CLOSING WEEK SALES: Utility and Commercial 2-4 39.00-42.00. Boning Utility 1-2 42.00-43.00. Cutter 1-2 38.00-41.00. Canner and Low Cutter 1-2 35.00-38.00.

BULLS: Yield grade 1-2 1050-2200 lbs. 48.00-52.25. Few yield grade 1 1100-1200 lbs. 53.50-54.00, Individual at 55.00.

WEDNESDAY'S WEEKLY SHEEP AUCTION: Receipts about 450 head. Compared last Wednesday, spring slaughter lambs 2.00-4.00 lower. Other classes too scarce for an adequate test of prices.

SPRING SLAUGHTER LAMBS: Several lots and part decks Choice and Prime 93-118 lbs. 58.00-61.00, mostly 58.50-60.50. Small lot Prime 128 lbs. 62.00. Scattered small lots Choice 80-90 lbs. 50.00-56.00.

FEEDER LAMBS: Few small lots. Choice and Fancy 57-72 lbs. 50.00-52.00.

FEEDERS: (Including around 800 at the regular Thursday auction.) Feeder steers and heifers steady. Supply mainly medium frame 1 and mixed 1-2 400-800 lbs. steers and 400-700 lbs. heifers.

FEEDER STEERS: Medium frame 1; 375-550 lbs. 64.50-67.00; 625-775 lbs. 62.75-65.00; Couple lots 800-965 lbs. 61.50. Medium frame 1-2; 400-625 lbs. 60.00-63.25. Large frame 2 Holsteins lot 645 lbs. 55.25; couple lots 975-1000 lbs. 50.75-52.00.

FEEDER BULLS: Medium frame 1-2; 375-600 lbs. 54.00-57.75.

FEEDER HEIFERS: Medium frame 1; 325-775 lbs. 54.00-57.75. Medium frame 1-2 and some small frame 1: 375-675 lbs. 50.00-53.50.

COWS AND CALF PAIRS: Small lots large frame 1-2 middle-aged 509.00 per pair; lot medium frame 1-2 aged 450.00 per pair.

Lancaster Feeder Cattle

Friday, July 9
Report supplied by USDA

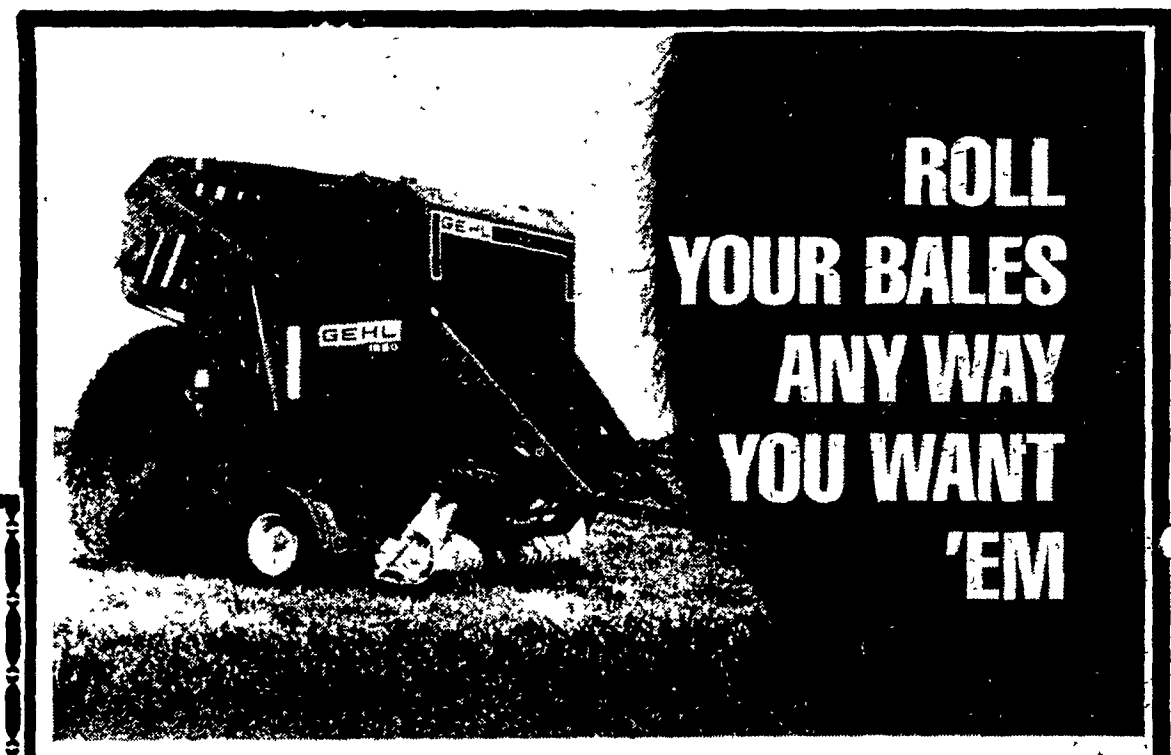
Today	375
Last Friday	182
Last Year	416

TREND: Trend not comparable because of insufficient supply last Friday. Supply included 180 in graded sale, sold in lots of 10 or more.

FEEDER STEERS: Medium Frame 1: Few lots 735-815 lb. 62.10-63.35; one lot 875 lb. with Good to low Choice slaughter finish 61.00. Medium Frame 1-2: One lot 485 lb. 62.75, one lot mostly #2 54.50. Large Frame 1-2: One lot 575 lb. 64.25.

FEEDER BULLS: Medium and Large Frame 1: Couple lots 410-480 lb. 54.25-55.00.

FEEDER HEIFERS: Medium and Large Frame 1: Couple lots 575-655 lb. 48.50-49.75.



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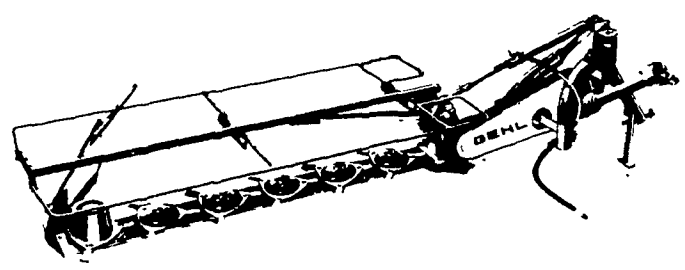

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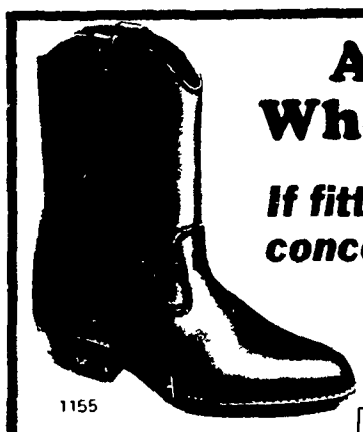

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No elk permits until '83

HARRISBURG — The Game Commission is not accepting applications for permits to remove Pennsylvania elk.

Recently the agency approved an elk herd reduction program, but said at that time no animals would be removed before December, 1983, at the earliest. Since then, the Harrisburg office has received numerous inquiries, asking for applications.

The Game Commission does not have applications available at this time, and probably won't for at least another year.

TANKS TANKS TANKS

USDA tests non-fat dry milk distribution

WASHINGTON, D.C. — The U.S. Department of Agriculture has announced plans to test the distribution of non-fat dry milk to needy families in Florida, Minnesota and Washington starting in early September.

Initially USDA will make available up to 11 million pounds (equivalent to nearly 13.8 million gallons of fluid milk) valued at nearly $12 million for distribution through non-profit organizations. USDA will pattern this test project after the successful cheese distribution program now underway nationwide. An estimated 450,000 needy households in the three states could benefit from the three-month demonstration project.

"This project is in keeping with plans I announced earlier to decrease the massive dairy stocks we have been forced to acquire under the dairy price support program," said Secretary of Agriculture John R. Block.

"This pilot project will help us determine whether non-fat dry milk can be distributed nationwide. A critical issue is the potential impact distributing non-fat dry milk may have on fluid milk consumption. The potential displacement will be carefully studied with data derived from the project."

Block added: "The distribution of surplus dairy products alone won't solve the problem. We badly need for Congress to act on our proposed legislation to bring the dairy program back into line."

The government is currently storing more than one billion pounds of non-fat dry milk in 50- and 100-pound bags. Before distribution, it will be converted to the form that is sold in supermarkets. Once converted it can be used as a beverage or in cooking. It will cost USDA 14 cents per pound to convert and repackage the product.

USDA has been making surplus cheese available for distribution to needy families since last December, with states ordering more than 100 million pounds of cheese.

In May, USDA announced plans to distribute up to 50 million pounds of butter nationwide, starting late this summer. That announcement followed a test project conducted this past February in Waterloo, Iowa.

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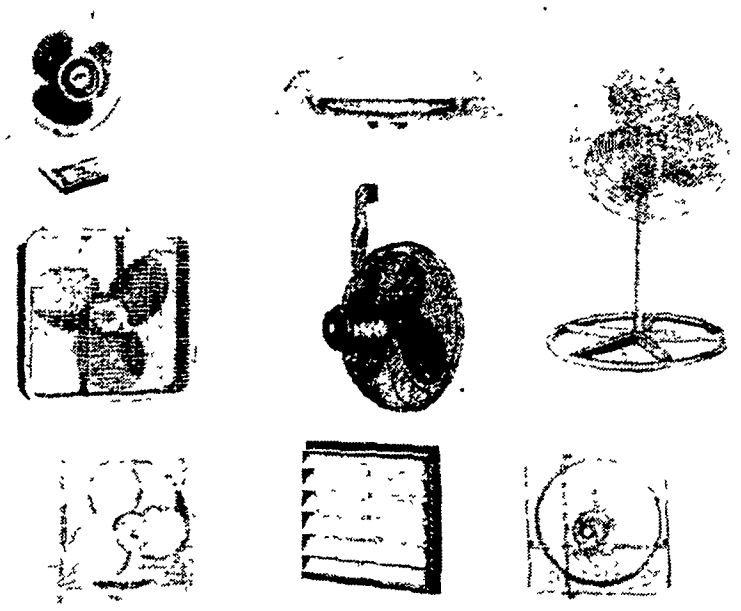

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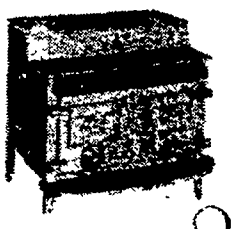

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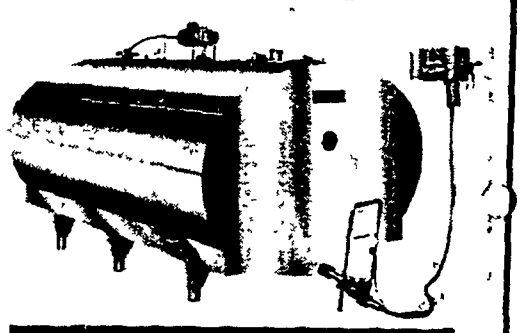

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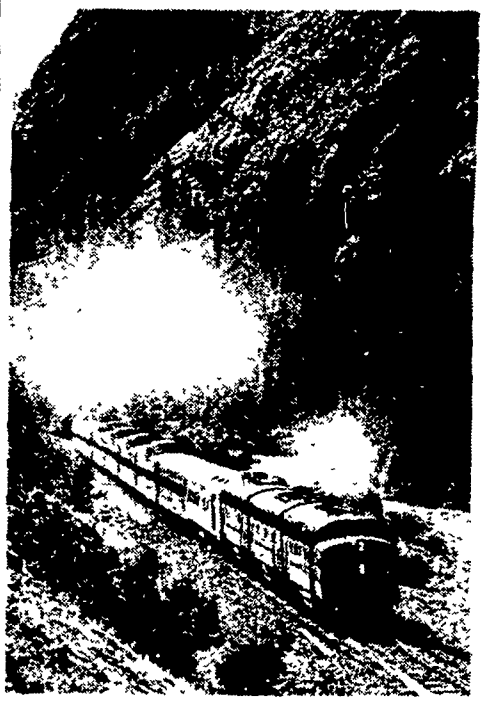

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Large turn-out marks first central Pa. dairy judging school

SINKING VALLEY — Some of the hottest days so far this summer didn't stop 63 youth from turning out for "school." The youngsters, who ranged in age from 12 to 21 made the Central Pennsylvania Junior Judging School the largest in the state, explained school chairperson Judy Black.

"There were 50 kids at the eastern school and 50 at the western school," Black reported. This marked the first year that the Pennsylvania Holstein Association sponsored event was held in central Pennsylvania.

"Our kids really have been restricted in the past," said Black, who coaches the Blair County 4-H dairy judging team. Last year, Black transported Blair County youngsters more than three hours to participate in the western Pa. judging school. But several evaluation forms showed up last year that sent a message to the PHA to make the educational opportunity available to more Central Pa. juniors. As a result, the judging school even drew participants from Virginia.

Black was on hand to assist with reasons and was joined by five PHA members — Jane Benner, Tom Kelly and Carol Schurman. In addition, the group was assisted by Lois Remsburg Skeen, Holstein Friesian Association consultant in Southeast Area I and Diane Bliss representing the state association.

The juniors had an opportunity to place several classes of four breeds — Holstein, Guernsey, Brown Swiss and Ayrshire. They also took written and oral exams.

"We educate them on the good breed characteristics," remarked Bliss. "It's not where they place during the judging school, but how much they learn about judging." Bliss noted the judging experience benefits the youngsters not only in future competition but also provides a foundation for practical at-home use in choosing the better-producing cow.

Some of the top farms in Central Pennsylvania hosted the young people. Five farms presented some of their best animals, from calves to aged cows.

School convened at the Guernsey farm of John Morrow, R1 Tyrone and later in the day moved a mile down the road to Spring Lane Farm, owned by Tom Kelly, the first of three Holstein farms visited.

They also studied Holsteins at Terry and Joel Branstetter's Bransdale Farm between Tyrone and Warriors Mark and the Geary Shade farm. Brown Swiss and Ayrshires were judged at the farm of Cletus Rhoades. — PG

Sixty-three youth participated in the dairy judging school held in Blair and Huntingdon Counties. The students are evaluating 3 & 4 year old Holstein cows on the Tom Kelly farm, R.D. 1 Tyrone.

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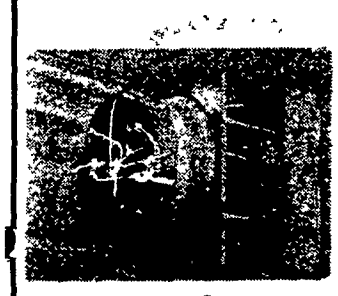

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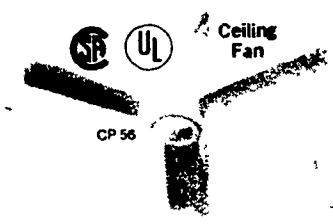

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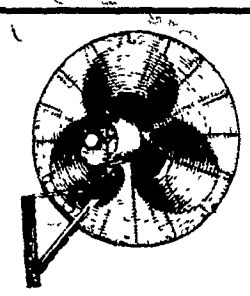

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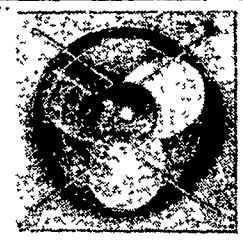

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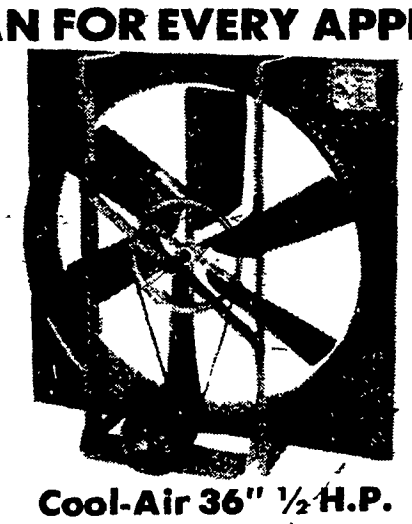

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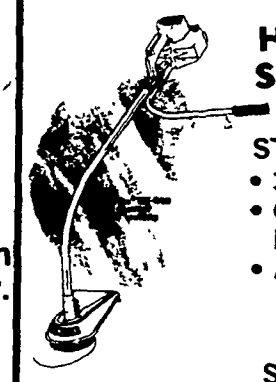

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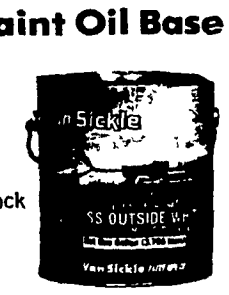

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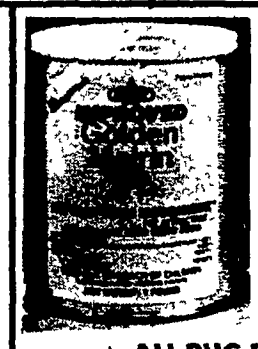

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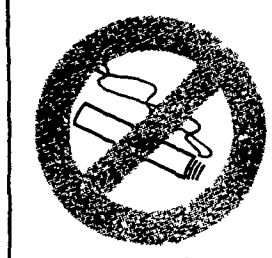

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York zoning

(Continued from Page A1)

and the national trend of increasing numbers of small farms.

Small farms, determined the panel, could be equally productive and practice conservation as effectively as those with larger acreages.

The hearing board further determined "Peach Bottom Township's agricultural district regulations represent an unreasonable approach to accomplishing the preservation of agricultural land and agricultural activity within the Township."

Then, citing earlier court rulings, the document listed several conclusions of law; including "landowner has a constitutional right to enlarge his property within the limit of what he desires and can afford," and "if an ordinance is clearly arbitrary and unreasonable or without substantial relation to public health, safety or welfare, it is unconstitutional."

In its summary discussion of the findings and legal conclusions, the board expressed the opinion that "farms" include part-time and subsistence operations. So long as small farms, of less than 50 acres, are used for the production of food, if only for the sole use of the owner, they too preserve agricultural land and uses.

Noting the challengers to the ordinaces urged the proposition that all people have the natural right to own property, the document quoted from Article I of the Pennsylvania Constitution: "All men are born equally free and independent and have certain inherent and indefeasible rights.. of acquiring, possessing and protecting property..."

The document additionally cited a 1958 Pennsylvania Supreme Court opinion on the case of Bilbar Construction Company vs. Easttown Twp. Board of Adjustment: "An owner of land may constitutionally make his own property as large and as private or secluded or exclusive as he desires and his purse can afford."

A further challenge by the petitioners to the payment of certain stenographic fees was also upheld. The charge to each of them of a $500 initial hearings cost fee, however, was determined to be reasonable.

"It's a shame we had to pay that money," said challenger Lowell Williams following the ruling. "But maybe we can clear the way for others."

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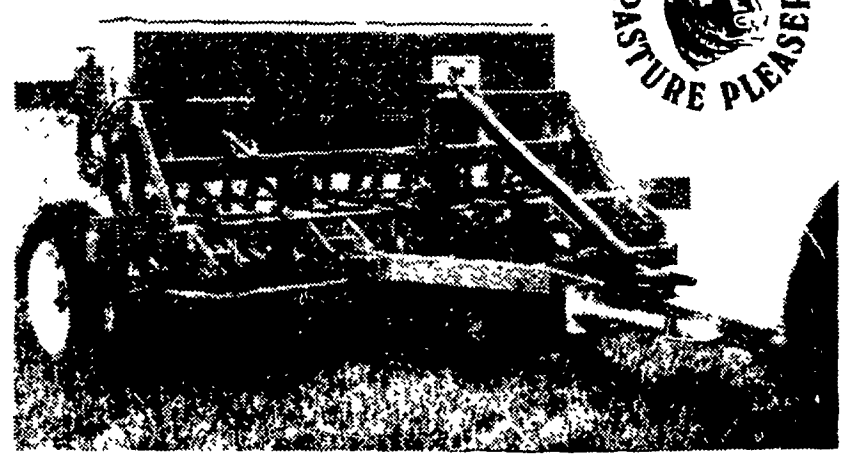

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Tobacco

(Continued from Page A1)

tobacco has been selling for as low as half that amount.

The lowest reported selling price for Pennsylvania tobacco recently was 50 cents a pound. Quite a bit had gone on to the market in the 60 to 65-cent range and a considerable amount still remains in sheds unsold.

Buyers of Maryland tobacco even have been supplying seed to county growers with the understanding that they have the first crack at buying the crop.

The exemption that puts Lancaster County legally back in growing Maryland tobacco was passed as part of the No Net Cost Tobacco Program Act of 1982. Senate action came on Wednesday.

After approval on Thursday on a few minor changes between the House and Seanate versions of the Act, none of which affected the Pennsylvania amendment, the act was promptly sent to the President. Speedy action was needed for the opening of tobacco auctions in Georgia.

While Pennsylvania growers are now free of restrictions in growing Maryland tobacco, they will not be eligible to vote in the first referendum that comes up concerning Type 32.

And Maryland and Pennsylvania are not the only places in which Maryland Type tobacco is grown.

Italy also is a major producer of Maryland type tobacco, growing some 5 million pounds a year recently. Most of the crop is exported, largely to other West European countries.

Wet conditions still affecting crops

LANCASTER — While the torrential rains of June have subsided into the more normal summer showers, wet conditions are continuing to have their effect on crops.

Progress on the wheat harvest was reported to be spotty, differing from one area to another. The muggy, humid conditions and the summer showers that danced across the state daily were having their effect on cutting conditions, primarily in the Southeast where the golden grain was ripe and ready.

But judging by the growing lines at elevators and the windrows of straw that snake through quite a few fields, the combines were getting a good workout this week.

Even the stationary threshers were gobbling up the shocks that have been standing in the fields before the moist conditions start the grain to sprouting.

While harvest conditions may differ from one area to another, a constant factor that greeted most farmers was the price that awaited them at the elevators and mills.

While there was some latitude between grain buyers, the wheat price this week generally ranged between $3.15 to 3.25 a bushel. That was down a bit from the prices that greeted harvesters at this time last year and quite a drop from those $4.00-plus levels that are just a memory from two and three years ago.

Also, the disease situation varied between areas, but was not as serious as some had expected when the wet weather moved in and stayed. While some scab was reported, those growers contacted were generally satisfied with the quality of the crop.

The wet weather may have had some effect on test weights, which were running between 55 to 60 pounds.

Many alfalfa growers were having better luck with their second cutting than the first as the weather showed more cooperation.

But a lot of tractor and equipment marks are visible in the compacted fields and weeds are starting to appear in fields where stands were thinned by the water and machinery.

Both the corn and tobacco crops appear to be making a satisfactory recovery. The hot, muggy weather is providing ideal growing conditions for both.

Quite a difference in the size of tobacco plants can be seen though, depending on how long transplanting may have been delayed.

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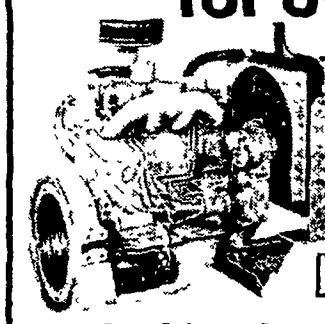

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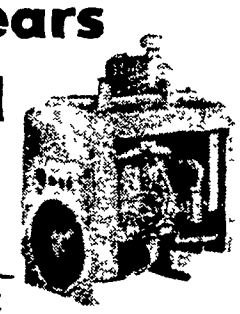

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Imports threaten market

(Continued from Page A1)

products as opposed to foreign (much like the continuing controversy over buying Japanese cars versus domestic), the underlying reasons behind the Argentine vs. U.S. apple juice rumpus has been narrowed down by producers and apple specialists to two predominant causes, both dealing with the lower price with which Argentine imports are able to be sold:

— The Argentine government is possibly subsidizing the export of their apple juice concentrate. Though this does not disagree with U.S. law, producers point to the fact that trade with Argentina has been considered nil since the war with Britain. Speculation says these products therefore are being shipped into the U.S. from ports in other countries of South America; and:

— Apple juice from Argentina is believed to contain beet sugar — a food supplement which goes virutally undetected in laboratory experiments.

According to Donaldson, Adams County producers "are willing to put up with their imports if they (Argentine producers) go through the same processing costs we do and not get subsidized for it. If they'll do it without government support, then we won't gripe."

Joe Buck, director of poultry and fruit divisions for PACMA, elaborated on Donaldson's remarks by adding, "As producers, we're not fighting imports, but we feel subsidized imports are unfair." He further generalized, "The strength of our nation is our ag foundation. If we lose this base then we'll be like England, importing a vital source of our survival — food."

According to Larry Wright from the Pennsylvania Apple Marketing Board, there's been some adulterated juice coming into the U.S. (mostly to New York City firms) from Argentina for a few years now. "Some companies are buying this juice and combining it with beet sugar and then selling it. It doesn't have near the cost involved that processors of apple juice here in Pennsylvania have."

Again, the law does not forbid the use of such food supplements, but this apple juice/beet sugar mixture often is being illegally advertised as 100 percent apple juice or 100 percent apple juice concentrate.

Larry Davenport from the Processed Apple Institute in Georgia admitted that "It's hard to say to what extent it's a problem," but agreed that it's "certainly a major concern among apple processors. Products that are unpure and cheaper, being sold as the same products our producers provide? Yes, it's a reason for concern."

According to Davenport, when beet sugar is added to concentrates, it's virtually undetectable.

"But people who deal with concentrate every day, all the time, know the correct flavor, the correct aroma and the correct price. When it differs so drastically, it makes them wonder.

"We think we have a way to detect the beet sugar now. And, if we do, our options are to discuss it with the Federal Regulatory Commission to take legal action."

Davenport said that the PAI has estimated the apple juice market at 50 million cases for 1982, with 3 to 4 million cases — or a total of 30 million dollars — being supplied by foreign markets.

How this has hurt the sale of apple juice for US. producrs, and specifically for Pennsylvania apple growers, has yet to be calculated. Too many suspicions and very few facts, according to Davenport, are the reasons no major steps can be taken to uncover the situation.

But one organization, the American Agricultural Marketing Association, is not content for the situation to uncover itself. The chairman of the AAMA apple advisory committee, Jerry Sietsema of Michigan, traveled to Argentina when the problem was first being uncovered to research the situation in that country. What he came up with is not proof of subsidized products, according to Buck, but very strong evidence.

The information collected by Sietsema allows Buck and other officials of the PACMA and the AAMA groups to claim Argentine government support of their juice export to as high as 35 percent.

For the immediate future, if the controversy should meet with a standstill, Davenport said the problem is of no danger to the consumer. "Apple juice with beet sugar added is still a healthful product. The problem is strictly an economic situation."

In agreement, Donaldson said the the producers' next step is to secure the help of U.S. Agriculture Secretary John R. Block to enter into discussion with Argentina.

Dairy trends up in Pa.

UNIVERSITY PARK — The biggest news in the Pennsylvania dairy industry is more. Production figures over the past several years have shown a steady increase across nearly all sections of the industry.

How is that possible? There have been big changes in production and processing practices in the industry and consumption patterns of Pennsylvania households.

While the number of producing milk cows has risen only slightly over the past five years, the increased production of those cows has been dramatic. Since 1975, there are a few thousand more cows on a thousand fewer dairy farms producing much more milk. Pennsylvania dairy cows now produce an average of 2,500 pounds of milk more than they did five years ago — that means an average of 12,434 pounds of milk per cow.

More milk means more of nearly all manufactured dairy products. All frozen dairy product production between 1975 and 1980 increased by about 4 million gallons. In the same time period, butter production increased by about 27 million pounds; all cheese production increased by about 33 million pounds (except cottage cheese which increased less than one million pounds), and nonfat dry milk powder production increased by about 34 million pounds.

Changes in fluid dairy production are not remarkable because of volume, but because of marketing. Sales through stores and home delivery have completely changed positions since the 1950's. Now nearly 80 percent of all fluid-milk sales are made through stores and most of the rest are made through school programs. Only a very small percent of fluid milk sales are made by home delivery outlets.

Changes have also occurred in containers. Sales are more and more likely to occur in gallon-sized containers than in any other size, and the containers will either be paper or plastic. If current trends continue, plastic, gallon-sized containers from the supermarket will be the standard in many Pennsylvania households. The traditional glass quart bottle has gone the way of the milkman's horse.

The proud quart container, once the symbol of the dairy industry, has also fallen on hard time. In the late '50s, the quart bottle accounted for 65 percent of all sales, but today accounts for less than 8 percent. It is now the least popular of the four major sizes of containers, upstaged by even the half-pint in 1974. Also, during that period, gallons surpassed half gallons for the first time.

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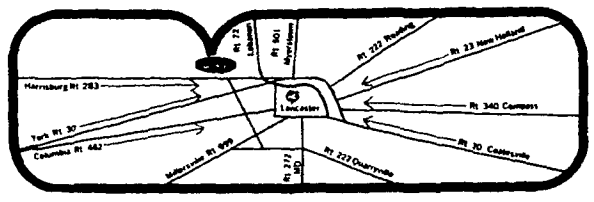

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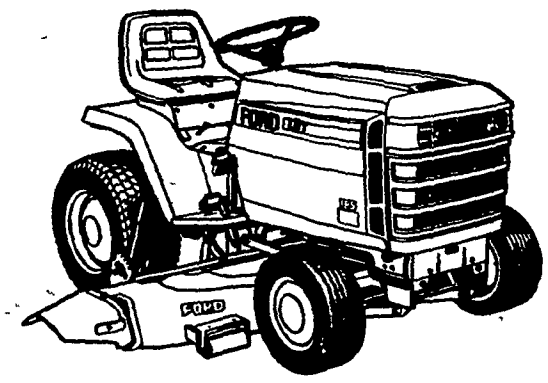

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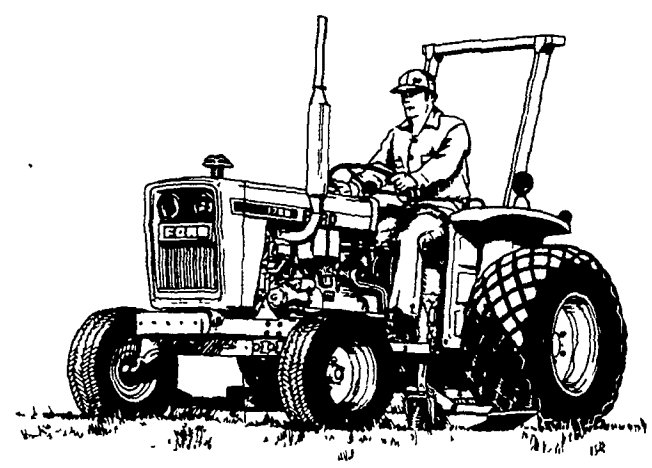

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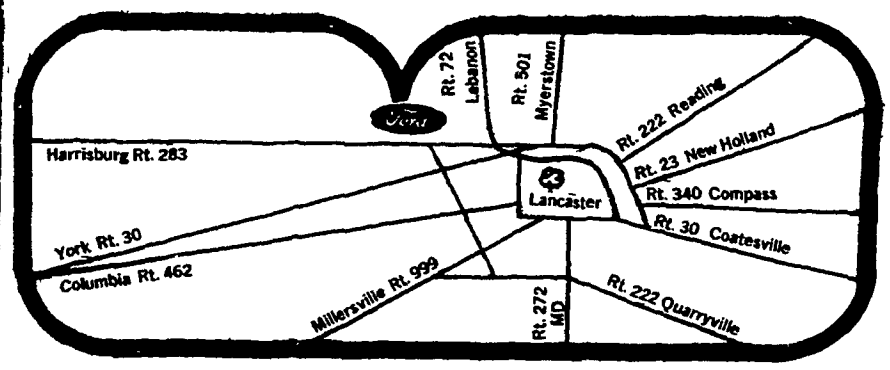

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Kulps

(Continued from Page A21)

through the pipeline on the average. Breeding and feeding also play a significant role, too.

Kulp, who has only been farming in Berks County for the past 12 years, has built his herd using sires like Elevation, Jet Stream, and Gemini. He grows corn and alfalfa on his 100-acre farm to provide the top-quality feeds that keep his cows producing.

Although he fills one of three silos with most of his corn, Kulp says he also shells some for his high moisture silo. And what alfalfa doesn't fit inside another upright silo is square baled.

'Kulp's cows are individually fed in their stanchions. The homegrown basics are supplemented with a 40 percent protein concentrate.

Since his move a dozen years ago, Kulp has had little regret for making the switch from a beef, hog, and layer business in Montgomery County to dairying in Berks. What prompted the change in location and enterprise for Kulp was the decision by the state to construct Ebensburg Park.

"The state took my farm and they still haven't done anything with the land. Now there's talk they want to sell it back to the original owners," Kulp says, with a half smile. "They've torn everything down but the old stone house. That they left as a historical landmark."

When Kulp started up in the dairy business in Berks County, he didn't come unprepared or without experience. Having been raised on a Holstein dairy farm, Kulp only needed a few days to refresh his memory of the milking business and to pick up where he had left off six years before.

Helping him make the smooth transition were wife Nancy, and children Randy, Lynette, and Cindy. Now, Randy, 24, is looking forward to a working partnership in Clar-Nan Farm where he lives and works, with wife Robin and children Bradly, 2, and Jaime, 15-months.

Lynette, 21, is enrolled fulltime in nursing school at Eastern Mennonite College, Harrisonburg, Virginia.

The Kulps' youngest daughter, Cindy, is 16 years old and a junior at Schuylkill Valley.

Along with becoming an active member in the county Holstein Association, Kulp is a member of both the state and national associations. He also participates in the county's Dairy Herd Improvement Association and is a member of Mohrsville Brethren Church.

NEASDA resolutions

(Continued from Page A18)

that of milk for manufacturing use." Today, the Class One price is only nine percent higher. This has not provided a disincentive for overproduction."

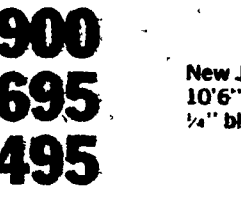
Winthrop and Barber predicted a greater response from dairymen in cutting production if their pay for milk other than Class One use were reduced, while prices for fluid use were maintained at reasonable levels.

Resolution Four was introduced by Commissioner Dunsmore of Vermont. This resolution calls for strong federal support for funding of control, research and education programs to deal with the gypsy moth. The gypsy moth infestation in the Northeast has reached major proportions in recent years, with more than five million acres of forest defoliated in Massachusetts and Pennsylvania alone last year. The prospect of federal funding cuts and lifting of the gypsy moth quarantine, according to NEASDA, could result in the spread of this plant pest to other regions of the country, as well as further defoliation in the Northeast.

Resolution Five, introduced by Hallowell calls for support of the reciprocal foreign trade bill sponsored by U.S. Senator John Heinz. "If we are to expand export sales of value added food exports, which are important to the Northeast, we've got to support measures which insure reciprocity in trade," Hallowell said.

"Too many foreign nations are subsidizing their agricultural export products to the detriment of United States farmers and food companies. Passage of this bill will help show these other nations that we are ready to support our firms and our top quality products to insure we take our fair share of the international marketplace," he said.

The five resolutions, if approved by NASDA in September, will become priorities for the Washington office of the Association, which works with Congress and the federal government to seek legislative and regulatory actions supported by the fifty state agriculture departments.



Ag subcommitee seeks $779 million budget cut

WASHINGTON, D.C. — The U.S. Senate Agriculture Subcommittee, instructed by Congress to bring about changes to reduce the ag budget by $779 million, began a series of budget meetings on Thursday, said subcommittee spokesman John Cozart.

"They'll be looking at a lot of options," Cozart noted. Two major areas of concentration are dairy and food stamps, he said. At press time, the subcommittee had reached no decisions but are expected to revamp the budget by Monday.

Meanwhile, The U.S. House Agriculture Subcommittee, twice postponed a mark-up session to review the dairy testimony presented at earlier hearing. According to a USDA scheduling spokesman, the subcommittee is expected to meet again on Thursday.

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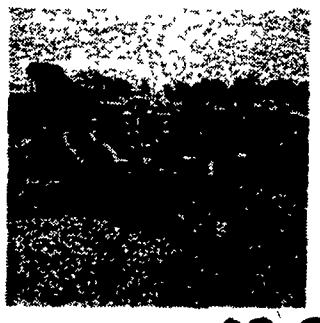

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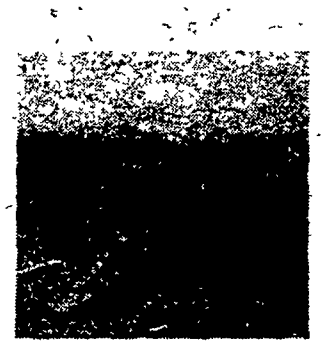

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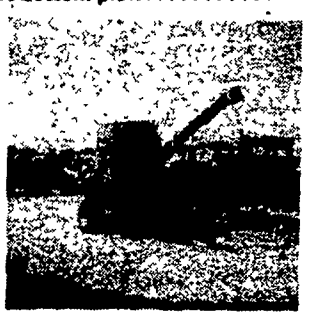

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Gehl Field Day features forage harvesters

Farmers gather around chopper while Gehl personnel explain its major features.

BY DICK ANGLESTEIN

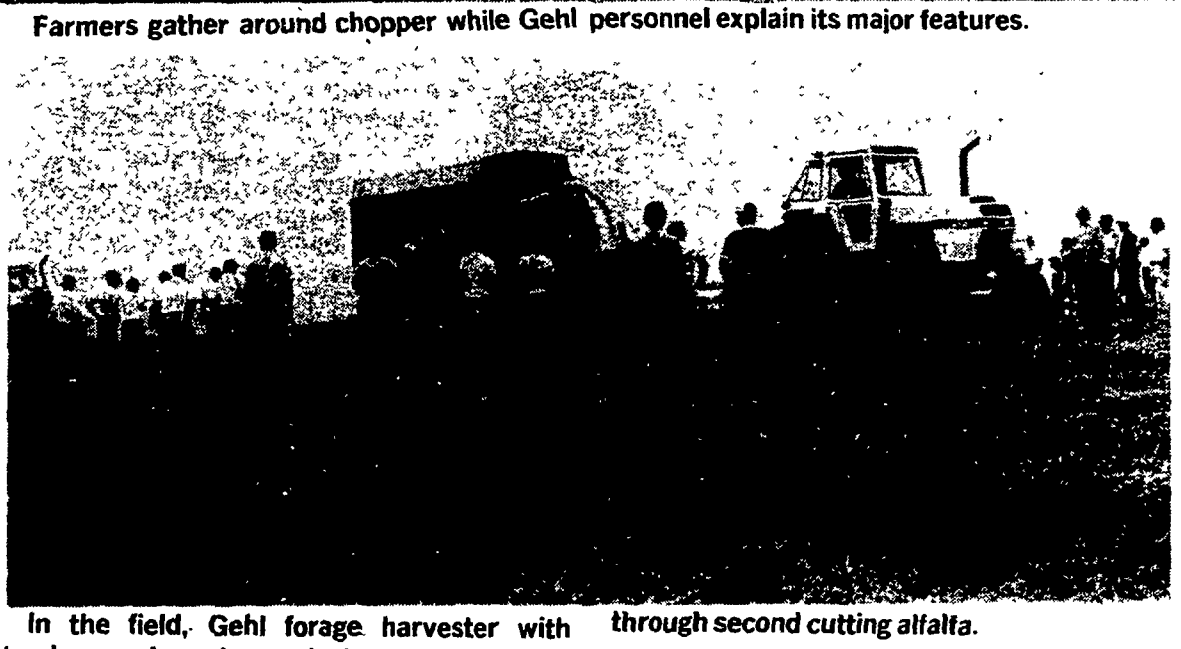
EAST PETERSBURG — "It's one of the best investments a farmer can make these days," Terry LeFever, product manager for Gehl forage harvesters, told a large group of Lancaster County farmers on Wednesday,

LeFever was referring to the watertank on the Gehl chopper he was describing to the farmers attending the field day demonstration being held by Binkley and Hurst Bros., Inc. on the John L. Landis farm, 1801 Colebrook Road.

The watertank is one of a number of exclusive features and options found on the Gehl forage harvesters, which were demonstrated and tested against competitive models in second cutting alfalfa being put up as haylage for the Landis Holstein herd.

The trickle of water supplied from the tank mounted on the harvester attacks the problem of gumming, which robs a chopper of capacity, cuts into the horsepower and can even misdirect the chopped alfalfa from blowing cleanly into the trailing wagon.

(Turn to Page A43)



In the field, Gehl forage harvester with tandem axles demonstrates smooth ride through second cutting alfalfa.

Discussing Gehl forage harvester equipped with water tank are, from left, Terry LeFever, product manager; Bill Lanpher, regional sales manager; and Don Powell, district sales representative.

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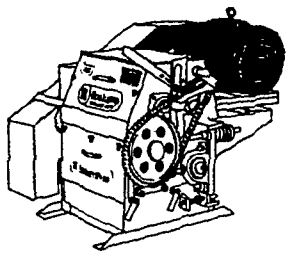

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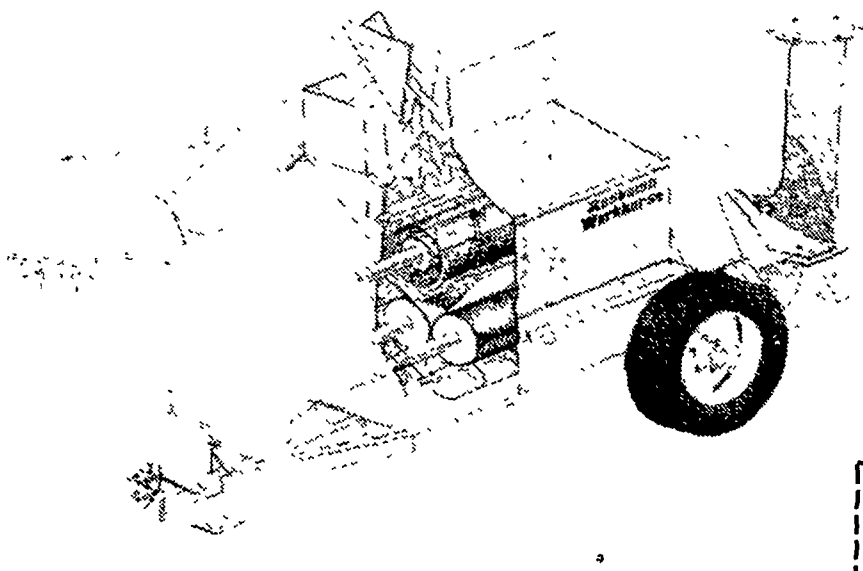

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Smiling Holsteins

(Continued from Page A26)

"We don't plan on any major changes and we can't justify adding cows on," he explained.

Although most of their time is spent with the herd, Clifford helps his uncle during harvest. Jacob Kreider farms the land and provides all the feed for the Blank Holsteins.

When Clifford does assist his uncle with harvesting, he keeps a record of his hours and is reimbursed at the end of the month. Likewise, the Blanks calculate the number of hay bales and cartfulls of silage used so they can settle up with Kreider on a monthly basis.

Joyce still works at the food market but has her days cut back to just one a week. The rest of her time is spent milking the cows, tending calves and maintaining the couple's garden.

"My days suprisingly filled up fast," Joyce laughed.

The Blanks suffered a minor setback, however, when their new calf crop struggled with scours last summer. Puzzled by the condition, Clifford explained that the calves were individually housed in outdoor hutches, spaced far apart. In addition, Joyce wrote each calf's name on its bucket to furthur reduce transmission. In spite of their efforts, the babies continued to scour.

Although they never lost a heifer calf during that time, the Blanks said they realized the big responsibility of running a herd on their own.

"It's not always fun to take care of sick animals," said Cliff.

Eventually, the bout with scours subsided and for their efforts, it seemed, the Blanks were rewarded with two sets of twins in one day — a pair of heifers and a heifer and bull.

With less than a year of farming on their own behind them, the Blanks are awaiting their first rolling herd average.

However, Joyce and Cliff are no stangers to the show ring. Next week, they plan on competing in the annual Lancaster County Holstein Show at the Solanco fairgrounds.

"Showing is a challenge. I like to see how good I can make the animals look," Joyce said. Her years in 4-H have provided her with a sound foundation in halter-breaking and showing. Clifford became interested in shows about three years ago when the Blanks got engaged and now clips all the show animals.

Together, the couple hopes to come up with a winning combination next week. But win or lose, its a sure bet they'll come up "smiling."

Soybean producers elect Board members

NEWARK, Del. — Soybean producers in Kent and Sussex counties selected three representatives for the Delaware Soybean Board.

Secretary of Agriculture Donald J. Lynch announced that Keith Carlisle of Greenwood, Joseph Hughes of Felton and Homer W. Torbert of Frederica were elected to three-year terms on the Board. Lynch noted balloting continues to show increasing producers' interest, with nearly 250 farmers voting.

The Delaware Soybean Board administers the self-help programs funded by the soybean check-off. This year the Board is funding eighteen projects. These projects range from local and international marketing efforts to developing controls for local weed problems.

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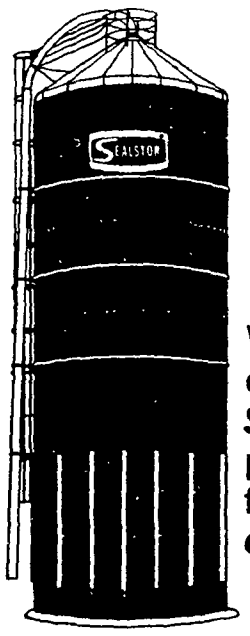

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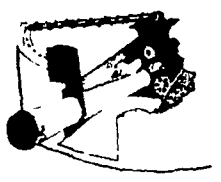
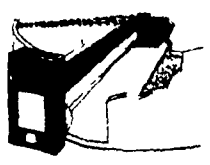


Laidig 98 forage unloaders in *Sealstor* average daily cost of maintenance **$.3367** Per Day



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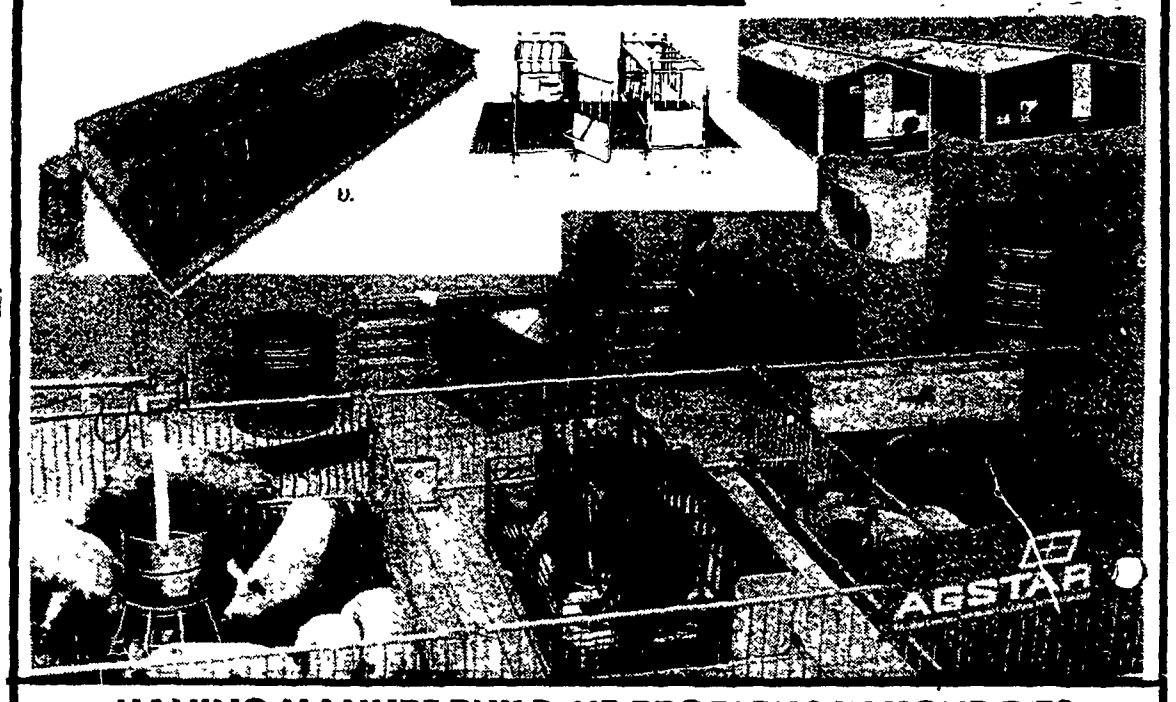

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Gehl Field Day

(Continued from Page A41)

"The water tank holds 30 allons," LeFever explained.

"When you feel it's starting to rn up, all you need to do is flip a tch."

The addition of the water keeps umming from developing in aces like the deflector, which fects blowing into the wagon, and the chopper itself, where it cuts to the power of the machine.

LeFever also demonstrated two other exclusive features of the Gehl chopper before it moved off into the windrows of alfalfa.

One of these was the ease of setting the cutterbar up to the knives.

"The cutterbar can be adjusted from just one place here on the outside on the right side," he demonstrated to the assembled group.

"You don't need to reach down into the machine and no more skinned knuckles."

Another of the Gehl features was the patented method of clearing the feed rolls after a shear pin gives way and the ease of realigning the holes.

"Just put the harvester in reverse and back the material out," he said.

"The patented method also realigns the pin holes."

Another of the Gehl features – tandem axles – were clearly visible to the crowd. The smoother ride down through the field was also clearly visible as compared to the competitive single axle choppers.

"The tandem axles reduce field bounce," LeFever said, "and hold the deflector in better position."

The Gehl model CB 1000, which is rated up to 170 tractor PTO horsepower, was demonstrated in the field against competitive models of similar size, including the Deere 3960 and the New Holland 892.

LeFever cautioned farmers in comparing forage harvesters to make certain they are in the same class in size.

Other Gehl models on display were the CB 750, which is rated up to 120 tractor PTO horsepower; and the CB 1250, rated up to 225 tractor PTO horsepower and the largest pull-type chooper available.

Other Gehl personnel taking part were Bill Lanpher, regional sales manager; Don Powell, district representative for Southeast Pennsylvania; Don Burns and Dick Montgovern, district reps for Western and Northeast Pennsylvania; Barney VandeWeert and Tom Galbraith, field sales representatives.

The day-long field day, including refreshments, was sponsored by Binkley and Hurst Bros., Inc., 133 Rothsville Station Rd., Lititz.

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MADISON, Wisc. — A residual killing action of up to 4-6 days is the major benefit claimed for new Fly Bait Grits by its developer, Hopkins Agricultural Chemical Co.

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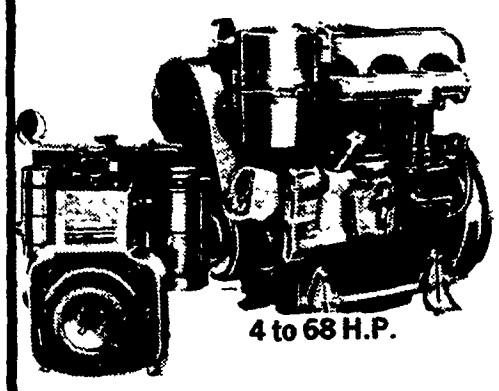

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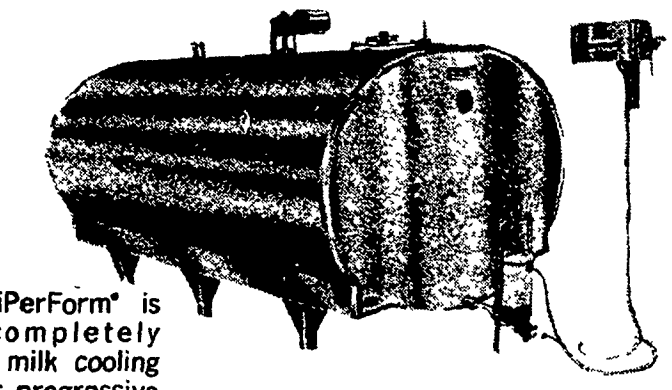

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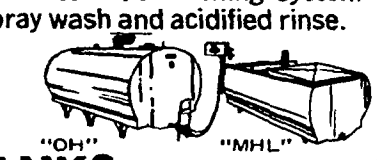

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USDA moves to recruit engineers from colleges

MADISON, Wisc. — Research engineers in agriculture are in short supply, but the U.S. Department of Agriculture is taking steps to recruit and develop engineers while in their senior year of college.

Secretary of Agriculture John R. Block said the new program to attract four engineers a year to USDA's Agricultural Research Service will be started in the fall. He made the announcement at the American Society of Agricultural Engineers meeting in Wisconsin recently.

"USDA is committed to encouraging young engineering talent," Block said. "Such talent will be needed as research works to increase the productivity of animal and crop production systems while at the same time wisely using the natural resources needed for sustained agricultural production."

Terry B. Kinney, Jr., administrator of USDA's Agricultural Reserarch Service, said these new engineers will be assigned to a limited number of research engineering positions expected to become vacant in the agency in the next three to four years.

Kinney said that within the agency, the largest agricultural research organization in the world, the number of research engineers in April 1982 totaled 316 compared to 338 in 1980.

"These figures dramatically emphasize the steadily worsening shortage of research engineers faced by the agency," the administrator said.

Engineers, who account for about 9.5 percent of the agency's total research staff, always have been "an important part of the whole structure that comprises agricultural research," Kinney said. "Over the years, they have made vital contributions to the work of the research agency."

Agricultural research relies on engineers to develop instrumentation, controls and special equipment needed to prevent or overcome problems in crop and animal production, processing and use of natural resources. Some of the major needs for engineering research today are in soil erosion control, irrigation and water conservation, and food safety and quality controls.

According to Kinney, the new program will recruit engineers in two stages, leading to a federal career.

New engineers will be recruited into the program in their senior year of undergraduate school at the GS-5 or GS-7 level. After the engineers are selected, they will be assigned to an Agricultural Research Service location near a graduate school at a cooperating university where a USDA engineer can serve as their mentor.

Kinney said each recruit will be given the education and experience to prepare them to conduct independent research on a specific agricultural problem.

Then, after approximately two to three years, the new engineers will be assigned to work at a research location designated at the beginning of the recruitment.

Kinney said the USDA agency will continue to utilize the normal federal recruitment and hiring processes to fill most of the agency's engineering vacancies.

Hog producers continue production cut

UNIVERSITY PARK — The sharp reduction in hog numbers which began last December is continuing, according to H. Louis Moore, Penn State Extension agricultural economist.

In March, producers reported 10 percent fewer hogs than a year earlier. In the latest survey of producers released in the June 22 Hogs and Pigs Report, hog producers have 13 percent fewer hogs on farms than a year ago. The number is 20 percent below 1980. In fact, Moore points out that numbers are the lowest for a June survey since 1975.

Moore expects the reduction in numbers to continue. Farmers have 13 percent fewer breeding hogs than a year earlier and expect to farrow 9 percent fewer sows in the June-August 1982 period. They also expect to farrow 9 percent fewer sows in the last quarter of 1982. If producers carry out these intentions, pork production will be sharply lower for the next nine months.

Though hog production is profitable, producers are reluctant to consider expansion of their hog operations because of the uncertain economy and high interest rates. If producers continue to resist expansion, hog production should be profitable at least through the first quarter of 1983.

The biggest uncertainty at this point is consumer demand. The tax cut at mid-year could help demand in the last half of 1982. Even if demand doesn't improve hog prices should remain near current levels over the next six months, says Moore. Pork production by the final three months of 1982 should be nearly 20 percent below year earlier levels.

Competition from other meats is not likely to increase during this period. For consumers of the total supply of meat is reduced 4 to 6 percent in the final months of the year there could be modest increases in retail meat prices.

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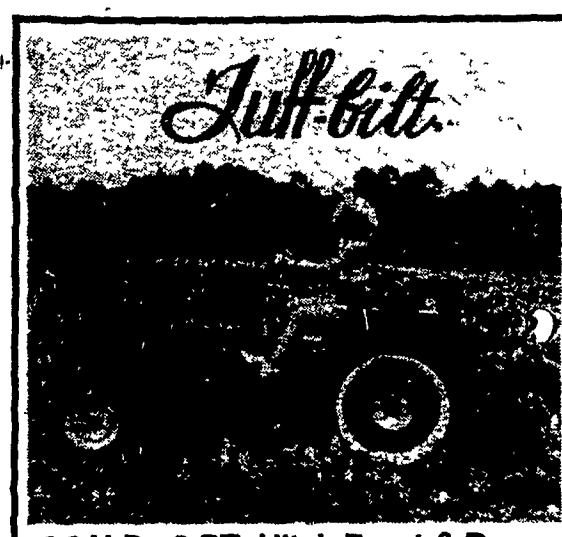

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Scientists link lamb taste to sheep diet

WASHINGTON, D.C. — What and where sheep eat could make a difference in reducing soil lost to erosion in the years ahead, say scientists at the U.S. Department of Agriculture.

Problem: Americans prefer lamb from young sheep finished for market on grain, usually corn, a crop often tilled in soil that is easily carried away by the winds and rain. Australians and New Zealanders, on the other hand, widely accept lamb fed only forage.

Solution: Sheep are excellent foragers. They get an average of 90 percent of their nutrients from grass and legumes. Let the sheep graze on range or pasture forage instead of feeding them grain. That way, lamb producers can grow grass or grass-legume mixtures on some land now tilled for grains. Much of this land is hilly and susceptible to being washed and blown away after its ground cover is lost in the cultivation of crops like corn.

Halting or slowing the loss of vulnerable soil is one reason USDA scientists are doing research on forage crops such as alfalfa for sheep, said Terry B. Kinney, Jr., administrator for USDA's Agricultural Research Service.

Another goal of the research is to boost U.S. sheep production, which fell from 25 million animals to half that many between 1965 and 1979, said Kinney.

Since then, the number of sheep rose slightly — about 1 to 2 percent a year — giving the lamb industry some encouragement, according to USDA's Statistical Reporting Service.

"Sheep offer a market outlet — as do cattle — for forages that are vitally needed to increase water absorption, reduce soil erosion and help maintain productivity," said Kinney. "And farmers often raise sheep in areas that are hilly and subject to soil erosion."

The challenge, said Kinney, is that American consumers generally have not accepted lamb to the degree they have accepted beef and pork and they prefer animals fed grain, most often corn, over those fed forage for the market.

To meet that challenge, Gordon C. Marten, research leader and agronomist with USDA's Agricultural Research Service, and Robert M. Jordan, animal nutrutionist at the University of Minnesota, have teamed up at St. Paul to study lamb production as it is affected by forage. They are trying to develop lower-cost cropping systems that will reduce soil erosion.

"If we can develop forage-oriented cropping systems that appeal more to present and potential sheep producers," Marten said, "we may be able to reduce the cost of producing sheep, increase production and consumption of lamb and create markets for forages that will increase water absorption and protect soils from erosion."

Success, he said, hinges on consumers accepting lamb fed on forage rather than grain. Marten and Jordan are comparing daily rates of gain by lambs on alfalfa-brome pasture and pure alfalfa pastures, with and without pelleted grain. They are using cross-bred lambs which are an eighth Finn sheep, noted for multiple births, mixed with Hampshire and Columbia breeds, noted for meat production.

In the experiments, average daily gains were almost identical when lambs grazed alfalfa or a mixture of alfalfa-brome that is predominately alfalfa. Daily gains on alfalfa-brome declined when the grass provided more than half the total forage available. The difference disappeared when lambs also were allowed to eat grain.

"We found cost-benefits by feeding grain to lambs on both alfalfa-brome and alfalfa pastures," said Marten. "But when you don't feed grain, the best economic response occurs when you have a high quality forage like alfalfa."

Because grass contains more fibrous cell walls than does alfalfa, said Marten, grass moves more slowly through the digestive tract. This means less grass forage can be consumed, fewer nutrients are made available for growth over a period of time and lambs reach market weights at older ages than those fed alfalfa

Grain-fed animals consume more nutrients than those fed only pasture forages and these animals reach market weight the earliest.

"Meat from these younger animals is more tender and more marbled with fat than is meat from forage-fattened animals," said Marten. "In Australia and New Zealand," he said, "lamb producers simply market forage-fed lambs at a young age when the meat is tender. The lamb has nationwide acceptance. We hope this degree of acceptance can be achieved in the United States."

Check pastured heifers daily

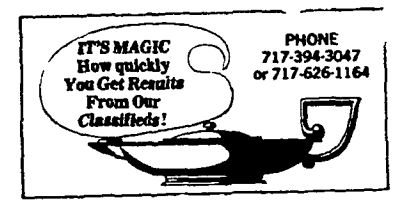
UNIVERSITY PARK — Summer pasture is often considered "free" room and board for replacement heifers. That "free" room and board may turn out to be pretty expensive if heifers don't grow and mature the way they should

Summer pasture for heifers does not take much labor on your part, but it does take some management skill and attention to detail, say Penn State Extension Veterinarian Lawrence Hutchinson.

Here are some do's and don't's for keeping pastured heifers growing and healthy:

- Water supply should be plentiful, accessible and of good quality; avoid stagnant or algae-laden water;
- Supply supplemental trace mineral salt, as well as calcium and phosphorus;
- Avoid overgrazing; supplemental feed and /or additional pasture may be necessary in mid to late summer;
- Pastured heifers should be wormed at least twice during the pasture season. These wormings pay best dividends if given early in the pasture season. However, if you haven't wormed them by now, start right away;
- Leptospirosis frequently affects pastured heifers. Use lepto vaccine, especially on breeding-age heifers;
- IBR, BVD and other infections may be a threat to your heifers. Check with your veterinarian for vaccination recommendation;
- Flies irritate pastured heifers and can reduce weight gains; they also spread diseases, including pinkeye. Insecticidal ear tags and oral larvicides are two elements in a fly control program. Ask your county agent for details. Good fly control will also reduce or eliminate cattle grub problems;
- Heat detection of pastured heifers is a problem on many farms. Holstein heifers should be showing heats by the time they tape 600-650 pounds; they should be bred when they are about 750 pounds. If you intend to breed your pastured heifers AI, you will need daily or twice daily observation, heat detection aids (chalk mark or detector patch), and restraint facilities.

Hutchinson reminds farmers that the best single thing you can do for your heifers this summer is to observe them daily. Those heifers on pasture are your future herd; keep an eye on them!



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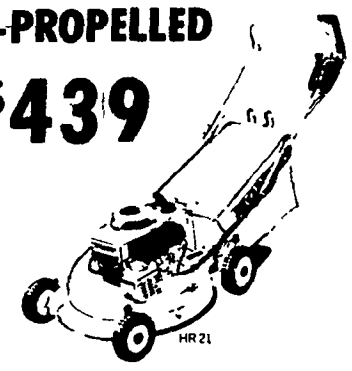

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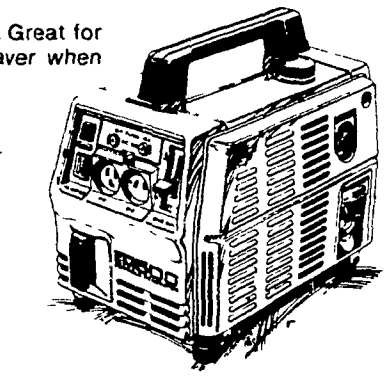

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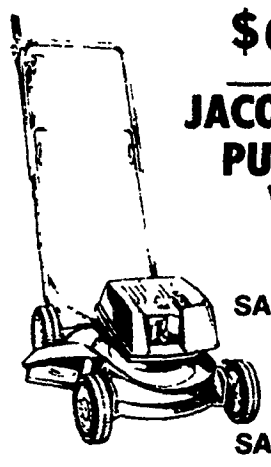

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ADSA honors dairy scientist during 77th meeting

UNIVERSITY PARK — Penn State recently hosted the 77th Annual Meeting of the American Dairy Science Association. The meeting featured the honoring of two recipients of the 1982 ADSA Distinguished Service and Award of Honor. In addition, participants were brought up to date on dairy research.

The opening session was held in the Eisenhower Auditorium L. W. Specht presiding. Following the presidential address by James H. Martin, Clemson University, Clemson, South Carolina, the ADSA Award of Honor was presented to Walter L. Dunkley, Department of Food Science and Technology, University of California, Davis.

The Distinguished Service Award was presented to Erik Lundstedt, International Dairy Products Consultant, Boca Raton, Florida. Citations for these awards were read by Dr. L. G. Harmon, Department of Food Science and Human Nutrition, Michigan State University, East Lansing.

The Award of Honor is presented for recognized, unusually outstanding contributions to the welfare of the Association for distinguished service to the Association. The Distinguished Service Award is made to recognize unusually outstanding and consistent contributions to the welfare of the dairy industry, either directly or indirectly.

The award is based upon a broad, even nonscientific contributions. Thus, outstanding achievements by those in industry, public administration, or academic administration may qualify. The contribution may be national or international. Several private awards also were bestowed.

The American Feed Manufacturers Award consists of a plaque and monetary award. It is presented to stimulate research in dairy cattle unutrition. The 1982 recipient was Dale E. Bauman, Department of Animal Science, Cornell University, Ithaca, New York.

The Borden Foundation Award consists of a medal and monetary award. This award is presented to recognize outstanding research in dairy production or manufacturing contributing to improvement or care of dairy cattle, development and improvement processes, products, equipment, methods, handling and sanitation. The 1982 recipient was A. Eugene Freeman, Iowa State University, Ames.

The Dairy Research Foundation Award consists of a plaque and monetary award. It is presented to recognize a reseacher actively engaged in basic investigations on milk or milk products which are applicable to a solution of a dairy industry problem. The award is based on the best original basic milk or milk product research conducted at a public institution and published during the five calendar years prior to the year in which the award is presented. The 1982 recipient is Larry L. McKay, University of Minnesota, St. Paul.

The Alfa-Laval, Inc., DeLaval Agricultural Division is presented to recognize contributions for dairy extension in the broad areas of production, manufacturing, marketing and youth work. The recipient must be actively engaged in and identified with dairy extension work at the time of nomination. 1982 recipient was D. L. Bath, University of California, Davis.

The Kraft Inc., Award in dairy manufacturing is presented for outstanding ability as an undergraduate teacher of dairy science in an accredited college or university. The recipient must be an active teacher at the time of nomination preceded by not less than a total of ten years of active teaching. The 1982 recipient was W. Frank Shipe, Cornell University, Ithaca, New York.

C. R. Henderson also of Cornell won the J.L. Lush Award sponsored by the American Breeders Service. The award is for important research contributions in any area of animal breeding and genetics that has or has the potential for improvement of dairy cattle. It is based on original published research in the 10 calendar years immediately preceding the year in which it is presented.

The Miles-Marschall In-

(Turn to Page A47)

PUBLIC AUCTION
SATURDAY, JULY 31, 1982
At 10:00 A.M.

Located on the premises 1 mile East of Berrysburg along Route 25, Lykens Township, Dauphin Co., Pa. (40 mile north of Harrisburg).

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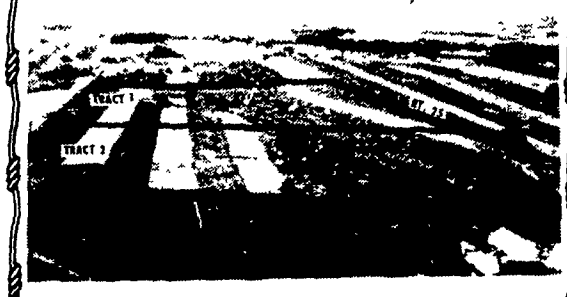

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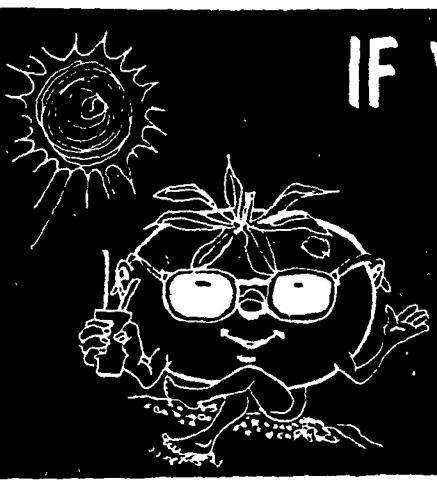

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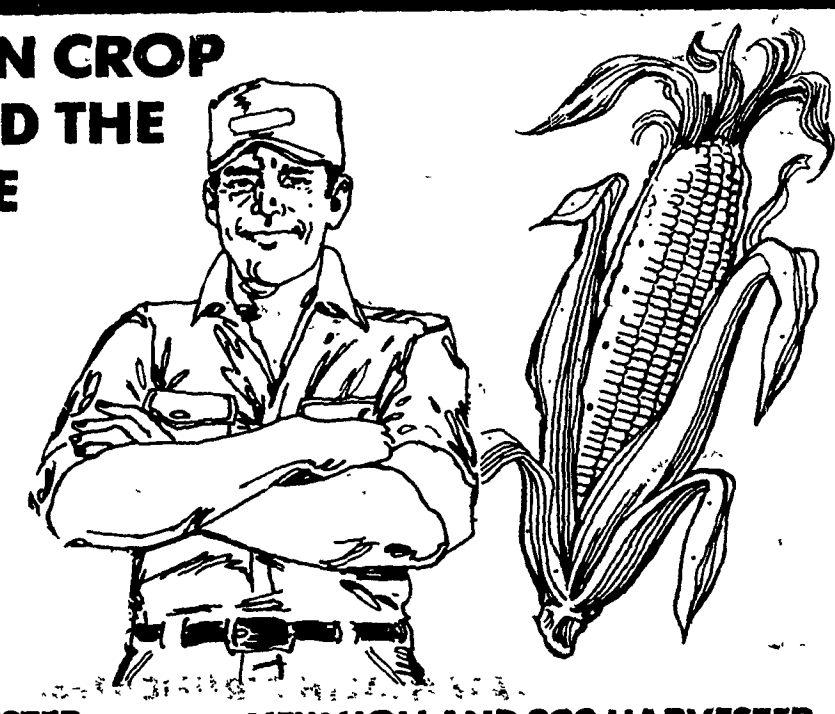

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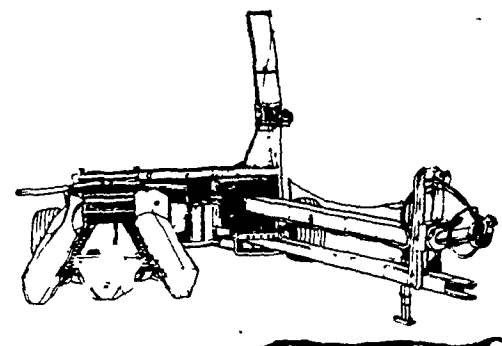

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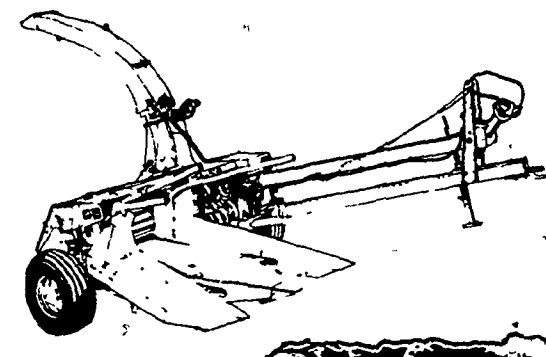

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ADSA honors

(Continued from Page A46)

ternational Diary Science Award recognizes outstanding accomplishments in research and development outside the USA and Canada in Chemistry, biochemistry, technology and engineering pertaining to the dairy foods industries. The 1982 recipient was J. Stadhouders, The Netherlands Institute for Dairy Research, Ede, The Netherlands.

The Richard M. Hoyt Memorial Award sponsored by the National Milk Producers Federation recognizes research efforts with direct application to problems of the dairy industry. The 1982 recipient was Lamin Kung, Jr., Michigan State University, East Lansing.

The Pfizer, Inc. Award is presented to recognize outstanding accomplishments in chemistry, biochemistry, microbiology and engineering pertaining to the cheese and cultured dairy production industries. The 1982 recipient was Miloslav Kalab, Agriculture Canada, Ottawa, Ontario, Canada.

J. Murray Elliot of Cornell received the Ralston Purina Company Teaching Award in Dairy Production. It is presented for outstanding ability as an undergraduate teacher of dairy science in an accredited college or university. The recipient must be an active teacher of not less than 10 years. The 1982 recipient was J. Murray Elliot, Cornell University, Ithaca, New York.

The Upjohn Physiology Award recognizes research work relating to dairy cattle physiology published during the five calendar years prior to the year in which the award is presented. The 1982 recipient was Jack H. Britt, North Carolina State University, Raleigh.

The West Argo Chemical Company Award recognizes outstanding research of milk quality as affected by control of mastitis, management of milking and practices in production of milk. The 1982 recipient was Roger P. Natzke, University of Florida, Gainesville.

ADSA speaker, Richard W. Miller of USDA's Agricultural Research Service described the results of field test in which he and colleagues evaluated ear tags alone and in combination with another commerically available treatment to control these pesky pasture flies.

The ear tags, which contain a slow release formulation of the pesticide Ectrin, were effective against horn flies throughout Maryland's 4-month pasture fly season, he said, but lost their effectiveness for face flies in late summer before the last population peak.

Face flies transmit pink eye—an infection that causes cattle's eyes to weep and may require a visit by the veternarian. If left untreated, cattle may lose their sight.

Although the tags still contained plenty of insecticide by season's end, Miller explained, the release rate had dropped too low during the fourth month to control face flies which are much harder to kill than horn flies. However, when ear-tagged cattle had free access to mineral blocks containing the pesticide Rabon, the face fly population remained low throughout the summer.

In fact, nearly all of the cattle on the combination treatment had fewer than 5 flies hovering around their faces and none had more than 10 flies—a number thought to be the threshold for spreading pink eye, he said.

Although horn flies are not known to transmit disease, they can cause economic loss by feeding on cattle blood in very large numbers. In some parts of the South, for instance, more than 1,000 flies have been counted on each side of a single animal. During the field tests, Miller said untreated cattle averaged 120 flies per side while those with ear tags had fewer than one fly per side.

"The ear tags were so effective that the combined treatment didn't add extra control," Miller reported.

Miller and colleagues L.G. Pickens and E.T. Schmidtmann, both ARS entomologists, conducted the field tests in 1981 on private farms in Howard County, Maryland, within commuting distance from their laboratories at the Beltsville Agricultural Research Center.

They covered more than 20 square miles involving about 1,800 cattle—both beef and dairy. The cattle received ear tags alone, in combination with the mineral block (the researchers used Staley Sweetlik blocks), or no treatment as a check.

"We wanted to see if the combination treatment would control pasture flies better than each treatment individually," Miller explained.

Although the combination treatment did provide better season-long control, Miller said, "Economically speaking, it's probably not feasible to furnish Rabon blocks throughout the fly season for the additional degree of control."

The treated mineral blocks used in this experiment cost considerably more than untreated blocks, he explained, adding that a 1,000-pound steer, on average, consumes about one-and-one-half of the sweetened blocks per season. Cattlemen may want to substitute treated blocks during late summer. However, he said, good season-long control of face flies would be more economical if the manufacturers of Ectrin ear tags extend their active life.

Miller recommends attaching ear tags just before the flies' first peak. In Maryland, that occurs in early June, but will vary according to climate in other areas of the country.

PUBLIC SALE

HOME IMPROVEMENT CENTER

Supplies removed and to be sold at Green Hills Auction Center on Route 568 between routes 222 and 176 just south of Reading.

MONDAY EVENING, JULY 19

Starting at 5:00 p.m.
Clark 5000 lb. lift truck w/pneumatic tires

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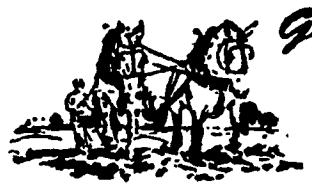
NOTE: also antique sale on Tuesday, July 20 starting at 10 a.m.



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PUBLIC AUCTION

FRIDAY EVENING, JULY 30, 1982

At 6:30 P.M.

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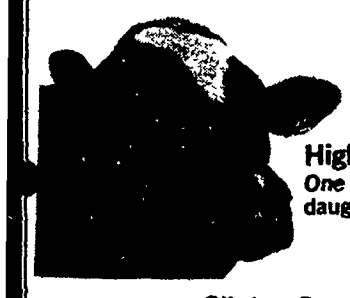

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Cresshaven Dean-Red (EX)
Maplelawn Canadian-Red (EX)

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Another registered Jetstar, this one Black & White, selling fresh. Her dam Good Plus with 553 fat, 2nd dam a Good Plus Rockman, 3rd dam Very Good with 555 fat.

A March '82 Jetstar Red & White heifer from a Good Plus dam with 497 fat @ 2 years, next dam with 641 fat.

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The matron of Maplevale is more than just a mom

GINGER SECRIST MYERS
Staff Correspondent

Janet Frost Harding of Brookville wears a 6½ size shoe, but in the course of events in her life, she's been forced to fill shoes that were far bigger than anyone could have anticipated.

For this lady, born and bred of urban lineage and raised in the New York City subarb of Monticlar, N.J., she has, so to speak, "come a long way, baby."

Little did she ever imagine on her graduation day from Vassar College where she majored in economics and political science, that three decades later she would be raising five children, managing a dairy operation, a milk processing plant, and farm store, serve the community and the Guernsey breed, and be doing it all on her own.

Though raised in the city, Janet recalls, "The only thing I really was sure of when I was growing up was that I didn't want to live in the city." Her father was in the lumber business, but Janet had access to a farming situation through a "courtesy aunt" who had established a herd of Jerseys on the Eastern Shore. Janet chuckles that her parents were horrified that a daughter of theirs should have such strong agricultural interests.

Following family tradition, Janet attended Vassar, but while there she worked with the county agent and at the college's farm where she got her introduction to Guernsey cows. That introduction to fawn-colored cows was to be a mainstream for her in all the events that were to follow.

Long before the days of women's lib, Janet knew she wanted to work in the then male dominated dairy world. Following her graduation from Vassar, she enrolled at Rutgers University where she took a dairy farming shortcourse. There she met William Nulton, executive secretary of the New Jersey State Guernsey Breeder's Association. It was Nulton who hired Janet to work in breed promotion in the Garden State.

Still eager to utilize her dairy interest and business talents, in 1954 Janet was hired by the American Guernsey Cattle Club to work in their expanding milk marketing program, Golden Guernsey, Inc. Janet was to manage their driver-salesman training program. Her program and personnel management skills combined to form what the club titled, "The Frost Program." She trained salesmen to sell and promote Golde Guernsey milk, traveling to every state in the union except Pennsylvania and Texas. Many of the promotional layouts and emblem designs still found in the files of the American Guernsey Cattle Club today came from Janet's pen.

Though Janet never worked in the Keystone State, by 1951, for reasons unknown to the Cattle Club, all of Janet's eastern flight connections always seemed to come through Pittsburgh. The reason for those Pennsylvania stops soon became evident though, and in July of 1958 Janet married Eugene Harding, one of Pa's most respected young Guernsey breeders and moved to their Maplevale Guernsey Farm in Brookville to pursue their mutual dreams of raising a family and selling and promoting Guernsey milk.

The Harding herd had been developed through Gene's efforts for top production. Following his graduation from Penn State, the herd was high producing Guernsey herd in the state for six of seven consecutive years. The herd expanded through Gene and Janets' hard work and their family grew to include three sons and two daughters.

In 1964, just to get their feet wet in marketing their product, the Hardings started to sell raw milk to local customers right from their barn facilities. By 1966 their business had blossomed and they built a dairy store close to the access road to Interstate 80 which was built at that time. They also had included a milk processing plan at the farm. Janet reminised, "Gene always planned ahead. When we built the store he designed it like a gas station, with three large bay areas, So, if the market failed, we could convert it into a gas station."

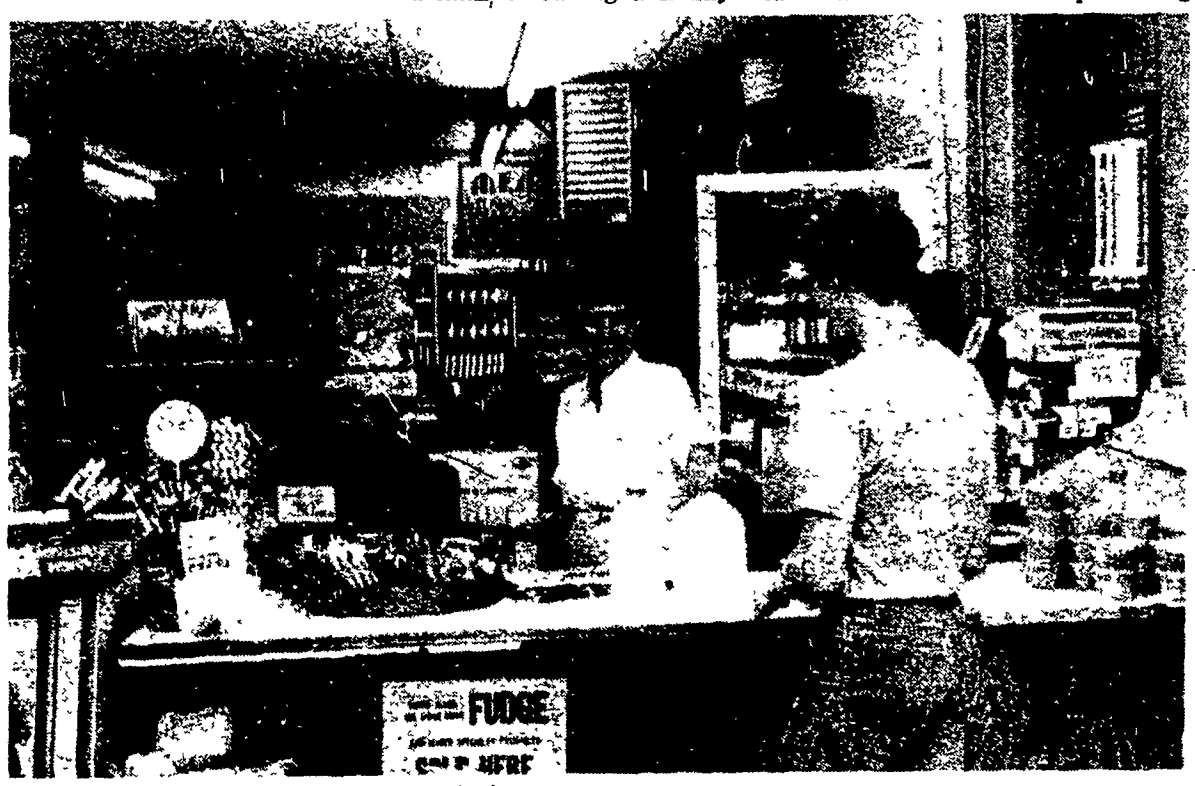
The store didn't fail. Milk sales that started at 30-40 gallons daily at the farm has grown to a daily sale of 250 gallons plus fresh baked goods, deli items, cheese, ice cream, groceries, and frozen goods.

But as the herd and the store grew, so did the couple's interest in marketing and promotion. They became involved in the frozen food wholesale business and also a chain of Guernsey Maid Restaurants. By 1973 through their rapid growth, they had incurred a considerable debt load, but Janet remembers, "Gene and I stood on the barn hill one evening and I can remember him saying that he

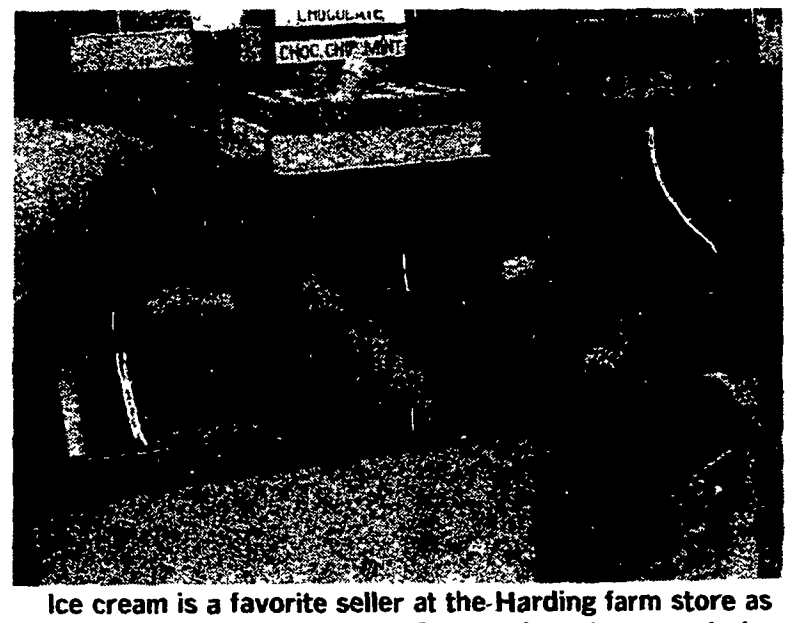
(Turn to Page B4)

The Hardings take a break from their hectic schedules to pose for a family picture. In the background is just one show area in the Harding home displaying their athletic, scholastic and 4-H achievements. Shown are, from left, Jeff, Greg, Judy, Jen and mother, Janet. Son Jim is absent from the picture. He is doing an internship with Agway, Inc., at Syracuse, N.Y. before returning this fall for his senior year at Penn State.

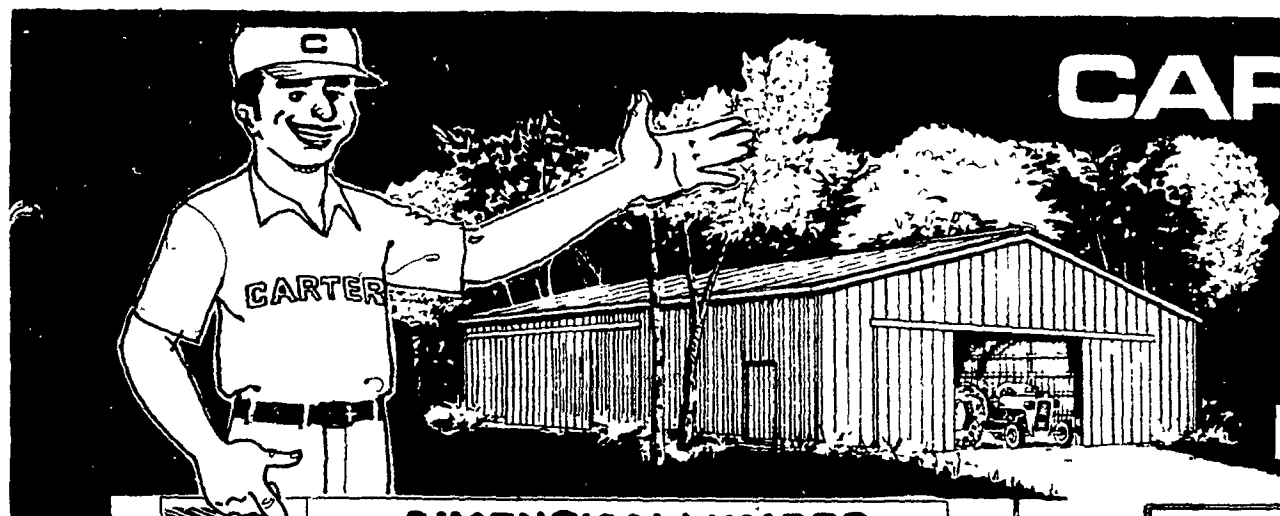
Homestead Notes



Janet Frost Harding, Pa's national director to the Board of American Guernsey Cattle Club, works in the family's farm store in addition to all her other duties. Janet serves on the National Youth Committee and on the Rules and Performance Committee. She is the first woman ever elected to serve on the board.



Ice cream is a favorite seller at the Harding farm store as these young buyers can attest. But, as they also seem to be expressing as they analyze their cones and keep a watchful eye on the dipper, one can never get enough ice cream.



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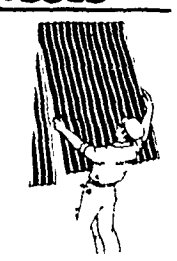

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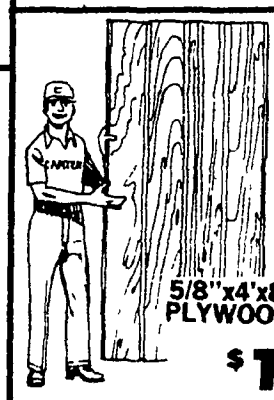

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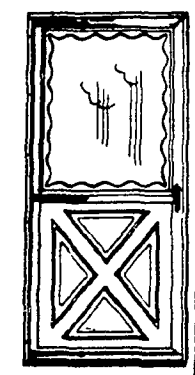

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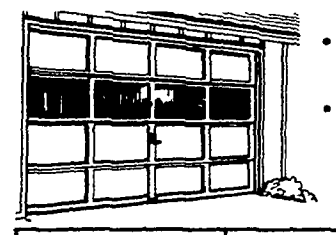

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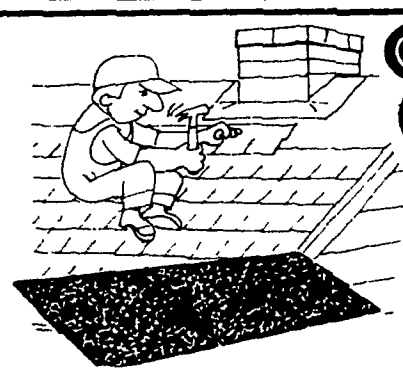

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Matron of Maplevale

(Continued from Page B2)

thought now we could start to reduce our debt."

But fate dealt them a tough hand, for two weeks later their barn burned. It spared their cows but took all their hay and most of their equipment. They had just started to remodel their house and now their barn needed to be rebuilt.

Gene re-designed his structure and planned it never to burn again. The base of the new barn was built like a bridge with a concrete floor and concrete supports. The roof is made of steel. Still their debt load mounted.

But, Gene never saw the barn or the house completed. On Labor Day weekend in 1974, while returning from restaurant business, Gene Harding died when the truck he was driving failed to negotiate a turn in the road and struck a tree.

Suddenly, Janet was left with everything. Always involved with the store and the marketing business, janet felt she could handle that and the family, but then there was the farm too.

Through hired farm help, Donna Motter her housekeeper, Doris Rowan who assists with the store, and the support and faith of her children, Janet has managed to hold it all together. She has since consolidated the business to include just the farm and the store.

When asked if she ever thought of quiting, Janet replied, "The decision to go on here at the farm was a family one. Jeff was only 16 when Gene was killed and he had to take on alot of the burden of the farm. The other kids were a real help too. It just never occurred to us to quit."

She summarizes her motivation to hang on to their dreams despite tremendous financial pressures stating, "Gene and I had a goal to have a family and to give our kids a chance to know what it was to work hard for what they wanted from life. We also wanted our kids to have the opportunity to participate in sports and other activities that farm kids sometimes miss. Ultimately we wanted the operation big enough to absorb as many of them as wanted to come back. Of course, that has to be their own decision."

One does not have to look far in the Harding home to find signs of the achievement of those goals. Trophies, plaques, and ribbons adorn the walls, mantel, and bookcases bearing witness to the five younger Hardings' achievements in sports, 4-H, and other school activities. They are all

(Turn to Page B5)

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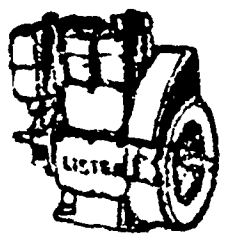

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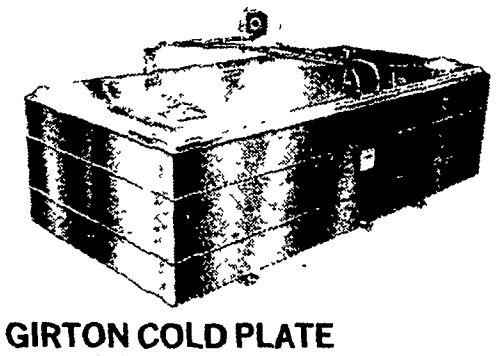

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Matron of Maplevale

(Continued from Page B4)

honor students. The oldest son, Jeff has returned following graduation from Penn State to now manage the family farm. Three more are still in college pursuing dairy and business careers, and the fifth is in high school. Though Janet does not expect them all to return to the operation at this time, they all own cattle under Maplevale Associates. The store and farm are a single proprietorship with Janet as the sole owner.

Finding the need for outside diversion from the pressures of family and business following Gene's death, Janet turned her energies to where she felt she could contribute her talents. She has served on the Brookville School Board since 1972 and is presently its chairman. She is active in the Pa. Guernsey Breeders' Association and has served as state youth chairman since 1966. She is hostess for the area Strawberry Festival held annually in June at Maplevale where the local dairy association has served as many as 2700 people strawberries and ice cream in one day. Though she is the first to admit that she is behind in her dairy breeding genetics, fellow state Guernsey breeders, who comprise the second largest state for numbers of registrations and transfers of Guernsey cattle, have considerable faith in her business abilities. In 1980 they elected Janet as their national director to the Board of the American Guernsey Cattle Club. She is the first woman ever to serve on that Board.

Janet has worked hard to keep her family and business on the top side. When asked what new challenge she plans to tackle next, she chuckles, "I'm not sure. Maybe the kids will let me work for them sometime."

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Warm Morning

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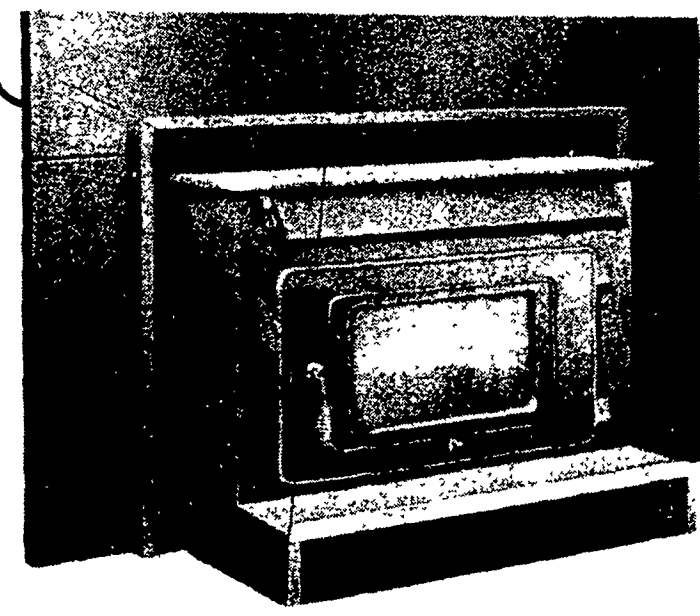

- Constructed of ¼" heavy gauge steel
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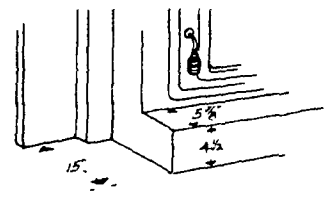
- Automatic temperature control (primary air adjustment)
- Secondary combustion air-tube for total combustion-reduces creosote
- Cast iron door with flame view glass

Two-speed blower is standard Equipment



Model FP-14
SPECIFICATIONS

Firebox Opening	11 x 17 w
Log Length	20
Height	23
Width	27
Depth	28
Cover Plate Size	32 x 42
Fits Fireplace Openings of	23 to 31 height
	27 to 41 width
	14 depth (minimum)
Weight	Approx 325 lbs

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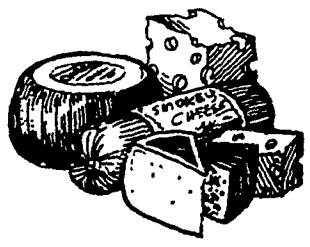
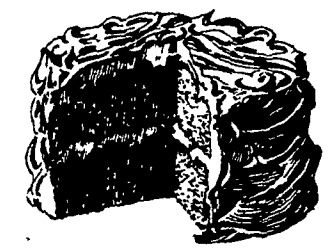
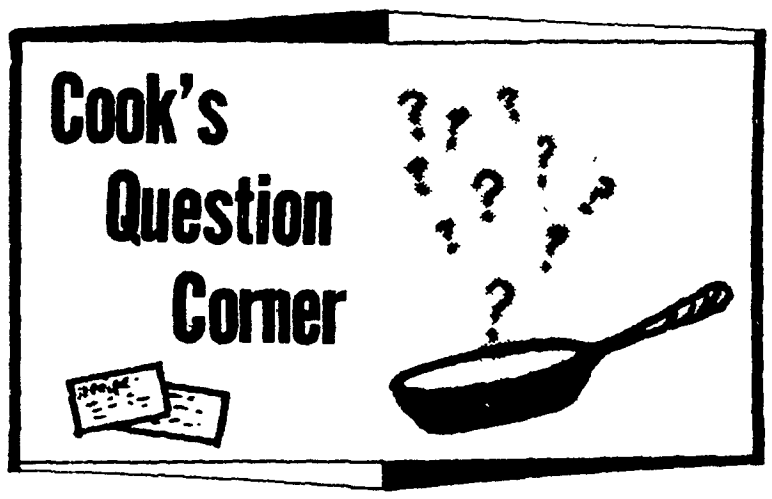


Home On The Range



To celebrate beef month, why not plan a barbecue to include that all-American favorite - hamburgers. The burgers above were done on a grill and topped with delicious Swiss cheese and tomatoes. Add some olives and a cold drink of milk and you have a real summer treat!



NOTE - Lancaster Farming does not have the facilities to kitchen-test recipes if we are to continue to offer readers such a large selection and variety. Recipes are used as they are received from readers and it is the responsibility of the sender to submit correct, tested recipes.

QUESTION - When I was a child my mother would buy stale cakes from the baker and make a sheet cake that looked and tasted like brownies. Can anyone help me locate this recipe?

S. Cacciutti
Bala Cynwyd

ANSWER - For K. Ashton who was looking for a way to get glue from labels: I find lighter fluid (like zippo fuel for lighters) will take off glue much better than nail polish remover - also does not damage the container as often. Be careful with its use.

Mrs. Leo Barsnica
Neshanic Station, N.J.

Recipe Topics

July	
17	Beef
24	Delicious cold dishes
31	Vegetable dishes
August	
7	Ice Cream
14	Chocolate Yummies!

July is beef month!

July is beef month! What a great reason to celebrate with a hamburger barbecue or steaks with a friend.

And if you've checked the supermarket lately, you will be happy to find that beef is reasonably priced and readily available.

Happy beef month!

BEEF WITH ONIONS

2 lb. boiled beef
3 large onions
2 T. shortening
2 T. flour
2 c. beef stock
1 T. vinegar
1 t. salt
little pepper

Peel and slice the onion. Chop fine. Brown in the hot shortening over quick heat.

Add flour, blend smoothly. simmer gently; thinning with stock and vinegar. Season. Bring to boil. Add beef, simmer until beef is hot.

Mrs. Charles Biehl, Mertztown

BEEF STEW

2 lb. boneless beef chuck, cut in 1" squares
1 c. water
1 can beef gravy
Potatoes, carrots, celery and cabbage, cut in desired size.
1 onion sliced

Brown meat thoroughly on all sides. Add water, gravy and onion. Simmer until meat is tender. Add vegetables in desired amount and cook until vegetables are tender.

Mrs. Carl Bacon, Felton

CHEESEBURGER CASSEROLE

8 slices day-old bread, toasted
1 lb. ground beef
1/2 c. chopped onion
1/4 c. chopped celery
1/3 c. catsup
4 t. Dijon-style mustard
1 t. salt
4 slices Cheddar cheese, cut in triangles
1 c. milk
1 egg, beaten
1/4 t. dry mustard
1/8 t. pepper

Preheat oven to 350 degrees. Butter both sides of toast; set aside. Cook beef, onion and celery in skillet over medium heat until beef is browned and crumbly; drain off excess fat. Stir in catsup, mustard and salt. Layer 4 slices toast, half of the ground beef mixture and 4 triangles of cheese in a buttered 8-inch square baking dish. Repeat layers, omitting top layer of cheese. Combine milk, egg, dry mustard and pepper. Pour from oven and place remaining cheese on top. Let stand 5 mintues to allow cheese to melt.

American Dairy Association

SUMMERTIME BEEF

Using a food processor steel blade or your favorite chopping knife, chop about 2 cups of leftover roast or a pressure cooked inexpensive cut of beef. Add 1/2 of an onion. Chop.

Variation I: Add 1 medium dill pickle, chopped, 1 t. mustard, salt, pepper and mayonnaise to taste

Variation II: Add 1 small apple, cored but not peeled. Chop. 1/2 t. curry powder, salt, pepper and mayonnaise to taste.

Serve on lettuce or as a sandwich filling. Cool.

Kay Chapman, Benton

SOMBRERO BEEF STEAK STRIPS

2 lb. beef round steak
3 T. cooking fat
8 oz. tomato sauce
1 can whole kernel corn, drained
1 small onion, thinly sliced
1/4 c. water
2 t. chili powder
1 t. ground coriander
1 t. salt
1 med. green pepper, cut in 1-inch pieces
1/3 c. chili sauce
1 c. shredded Monterey Jack cheese

Slice steak in strips 1/8 inch thick and 3 to 4 inches in length. Brown strips in cooking fat; pour off drippings. Add tomato sauce, corn, onion, water, chili powder, coriander and salt; mix thoroughly. Turn mixture into a shallow 2-quart casserole or baking dish. Cover tightly and cook in moderate oven (350 degrees) for 45 minutes. Remove from oven. Stir in green pepper, top with chili sauce and sprinkle with shredded Monterey Jack cheese. Cover and continue baking 15 minutes.

Mrs. Nelson Miles, Buffalo, NY

(Turn to Page B8)

CAREFREE DAYS
the dairy way

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3088, 3288, 3488, 3688 1086, 1486, 1586, 5088, 5288, 5488	YES	YES	$3,000	Until 1/1/83
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Beef month!

(Continued from Page B6)

BEEF-STUFFED BAKED POTATOES

1 lb. ground beef
6 T. butter
3/4 t. salt
1/8 t. pepper
6 medium Michigan potatoes, baked
1/4 c. milk
1 small onion, minced
1 T. parsley flakes
1/2 c. finely chopped celery
1 can condensed cheddar-cheese soup
3 slices process American cheese, halved

Brown beef in 1 T. butter in skillet. Add the salt and pepper. Set aside. Cut baked potatoes in half lengthwise and scoop out pulp into large bowl. Mash and add remaining butter and the milk. Beat well and add beef and remaining ingredients, except cheese. Fill shells with the mixture and put on baking sheet. Top each with a half slice of cheese and bake in hot oven (400 degrees) about 15 minutes. If desired 1/4 t. garlic salt can be added to potato mixture.

Melissa Ross, Frederick, Md

SWEDISH MEAT BALL FAVORITES

2 lb. ground beef
2 eggs
1 c. dry bread crumbs
1 1/2 c. milk
1/2 c. finely chopped onion
2 t. salt
1/8 t. nutmeg
2 T. butter
1/8 t. pepper
1/4 c. flour
1 can condensed beef broth
1 t. dill weed

Combine meat, eggs, crumbs, 1/2 c. milk, onion, salt, pepper and nutmeg; mix lightly. Shape into approximately 7 dozen 1-inch balls. Brown in butter over medium heat. Place meat balls in 2-quart casserole. Reserve 1/4 c. pan drippings. Stir flour into drippings; mix until blended. Add beef broth, 1 c. milk and dill weed; cook until thickened, stirring constantly. Pour over meat balls. Bake in preheated 325 degree oven, 20 minutes.

American Dairy Association

TEXAS TAMALE PIE

Note: All ingredients in parentheses are flavorful options, but the basic recipe is good, too.

Beef Filling

Brown: 1 lb. ground beef
(1/4 c. chopped onion)
Add: 2 c. stewed tomatoes
1 T. (or more) chili powder
(red pepper or hot sauce to taste)

Mush

In saucepan, stir:
1 c. corn meal into 4 c. water (or stock — chicken stock is delicious)
Add: (1 t. cumin seed)
1/2 t. garlic powder or more)
1/2 t. salt

Cook until mush is thick. (Cool mush slightly and beat in 1 egg).

Line a greased baking dish with 1/2 to 3/4 of the mush. Add the beef filling. Top with remaining mush.

Bake at 350 degrees for about 45 minutes. Top with a sprinkling of grated Cheddar cheese for last 5 minutes of baking.

Kay Chapman, Benton

Kiwifruit searches for identity

WASHINGTON, D.C. — The kiwifruit is having an identity crisis. Those who are unfamiliar with the fascinating fruits sometimes call them "furry little brown things."

"Beneath that unappealing exterior, however, is bright emerald green flesh with a creamy white core," said Charles Brader, a marketing official with the U.S. Department of Agriculture's Agricultural Marketing Service. "When the fruit is fully ripe, the taste is reminiscent of bananas with a dash of watermelon and strawberries."

Kiwifruit is the newcomer to the U.S. fruit market, and growers are anxious to improve its image, Brader said. "It can add an appealing taste and look to menus," he said. "It can be sliced and served fresh or used for jam, jelly or juice."

Originally known as Chinese gooseberry, kiwifruit is a native of the Yangtze Valley in central China. New Zealanders, however, were the first to realize its commercial value. They adopted the fruit and named it after their native kiwi, a flightless bird with grayish-brown hairlike plumage. The New Zealand kiwifruit industry developed after World War II and today is centered in the Bay of Plenty area near Tauranga.

During the 1960's, scientists at a U.S. Department of Agriculture field station in Chico, Calif., developed methods for cultivating the fruit in the United States, and growers were encouraged to experiment with new plantings, Brader said. Two growers imported several thousand plants from New Zealand to establish the first kiwifruit vineyards. Today, kiwifruit is a highly specialized farm commodity that has come of age in California.

Nearly 3,800 acres of kiwifruit are now in commercial production. Shipping volume totaled 1,400,000 seven-pound "flats" in 1981 — up from 15,000 in 1978. A flat holds 25 to 50 kiwifruit, depending on the size.

California and New Zealand share the same markets — mainly Western Europe and Japan. The California kiwifruit marketing season runs from October to May, while the New Zealand season is from May to November.

The California Kiwifruit Commission has launched an advertising campaign to tempt more U.S. consumers to try their fruit. "The kiwifruit has everything going for it — novelty, unique flavor and a variety of uses in meals," Brader said.

In an effort to improve marketing, USDA is establishing U.S. grade standards for kiwifruit similar to those used extensively by the fresh produce industry for other commodities. The voluntary standards will provide a uniform basis for measuring the quality and condition of the fruit.

Using the grades as a trading language, buyers and shippers separated by long distances can make a fair exhange when they know they are talking about the same quality product.

Md. Ag Day to be held July 27

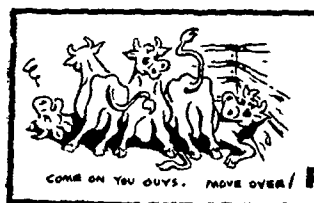
ELKTON, Md. — Farm equipment and accident rescue demonstrations will highlight and Agricultural Progress Day on Tuesday, July 27 at the Cecil County Fair, Elkton, Md.

Equipment dealers from Maryland and Pennsylvania will be on hand demonstrating "no till" corn planters and grain drills, skid steer loaders, new disc mowers, bedding choppers, mixer wagons, tractors, roller mill and flex augers, and many other pieces of equipment.

A farm accident rescue demonstration by the Maryland State Police Medivac Helicopter squad and Rising Sun Fire Company will also be featured.

The program will begin at 9 a.m. with milk and donuts provided by the Upper Chesapeake Production Credit Association, and end at approximately 3 p.m. The farm safety demonstrations will be held from 11 a.m. to 12:30 p.m.

The Cecil County Fairgrounds are located four miles north of Elkton, Md on Rt 213.



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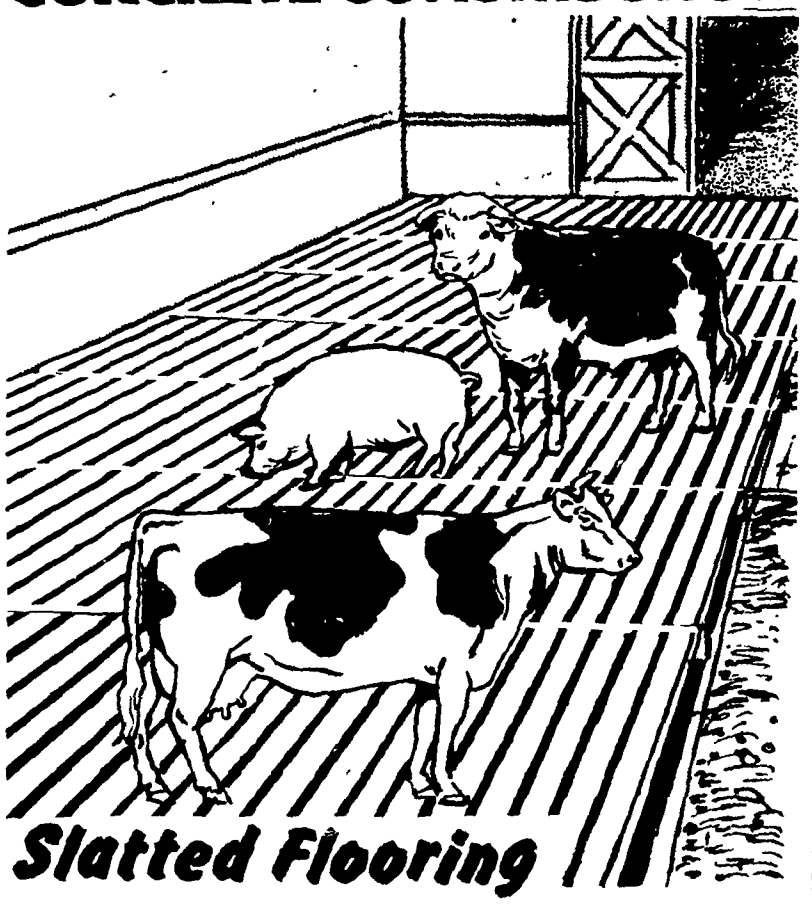

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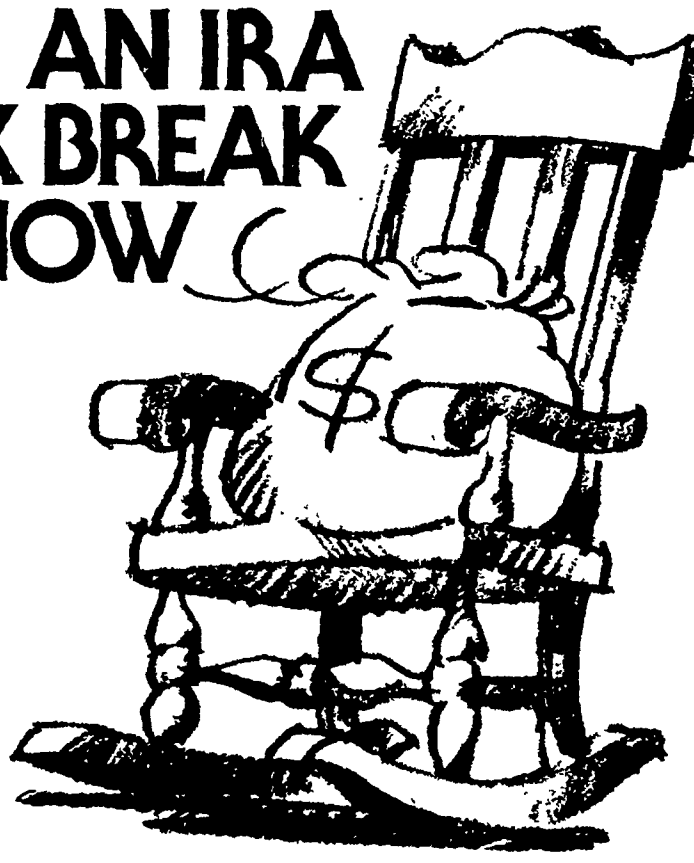

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Ida's Notebook

Ida Risser

We started out with high hopes of a wonderful, once-in-a-lifetime vacation—a drive across America. Our son came home from State College to run the farm for a month. We worked very hard to get everything caught up in the fields and garden so that we could leave and feel at ease being away from our chores.

Allen and I took turns driving to Toledo, Ohio the first day. We had reservations and stayed at a nice motel. The next morning, early, we got our complimentary cup of coffee and a newspaper and set out for breakfast hoping to eat on the way to Dearborn, Mich. Here we spent the day walking through the Greenfield Village which Henry Ford created in 1929. It is a large collection of buildings including the birthplaces of many famous men. We toured the homes of Luther Burbank, Noah Webster, Wright Brothers and the famous H. J. Heinz. The latter made his first horseradish sauce here in his home. It was the start of the huge processing plants which now bear his name. There were antique cars, trucks and even horse drawn vehicles continually being driven through the streets to explain places of interest to the tourists.

In the afternoon we walked through the adjacent Henry Ford Museum. We saw many different areas devoted to transportation, agriculture and home furnishings of long ago. Our feet were dragging but we forced ourselves to view the sistership of the Spirit of St. Louis, enormous steam engines, antiques of all kinds and so much more.

Then we started for Lansing, Michigan where my sister lives. We went by way of Ann Arbor in order to look up an old friend, who by the way, we were not able to find. On the way out of the town we had an accident. It happened so quickly that we didn't know what hit us. But we were hit! The whole side of the car was smashed in with many, many repairs necessary. At least we were not injured. What to do now!!!

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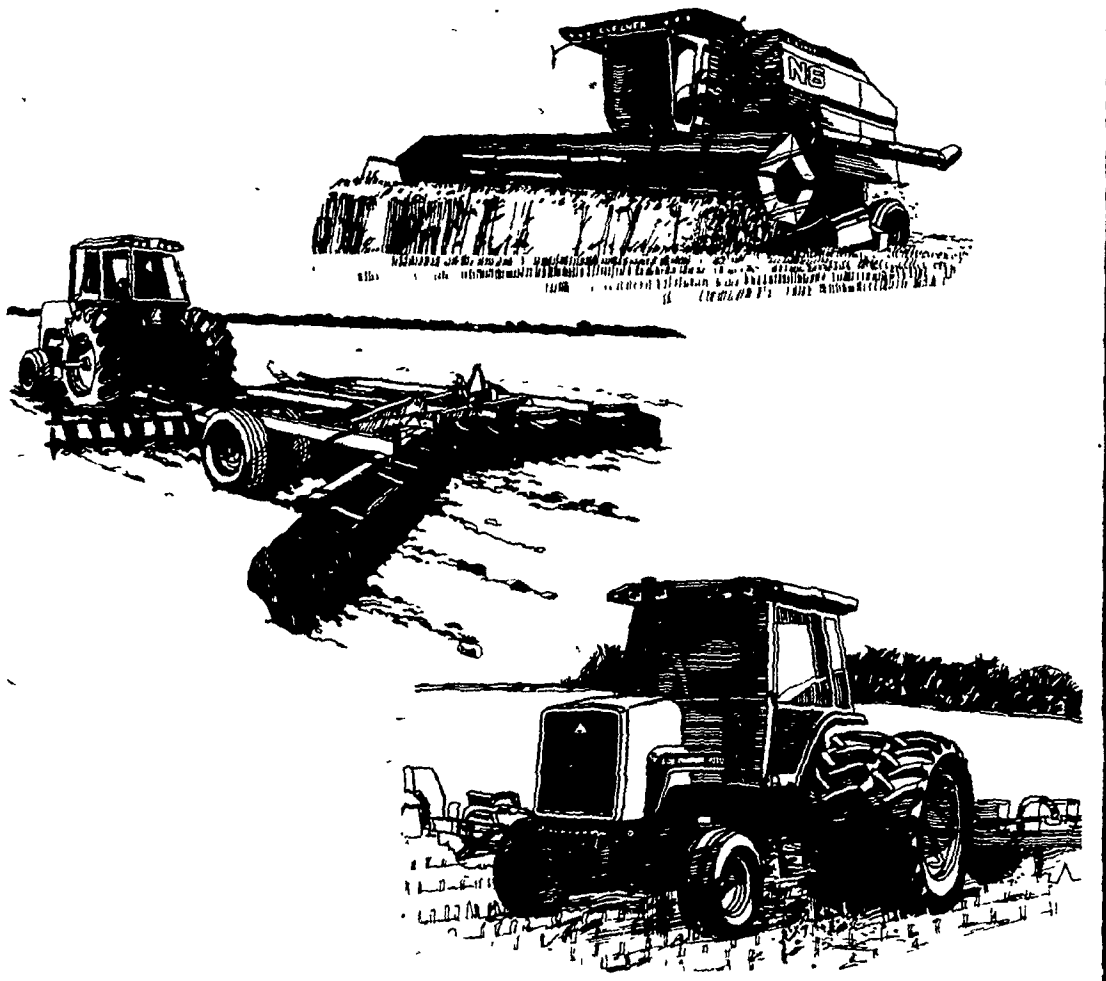

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Kid's Korner

Select hay for horses carefully

LANCASTER — Because horses are herbivores and forage eaters, a large part of their diet is made up of hay.

Hay, which is the product of cutting and curing grasses, cereal crops and legumes becomes even more important in urban areas because of the increasingly limited space available for pasture.

The quality of hay depends on the growing environment, the curing and the time of harvest. Hay prices today reflect the difficulty of making good hay in some states because of the short growing season, limited crop space availability and wet, humid climate.

The horsemen should therefore, be careful in selecting hay for horses in order to get the best quality product for the money.

There are two basic types of hay: grasses and legumes.

Grass hays include: timothy, orchardgrass, broomegrass and bermuda. Grass hays are easier to harvest and cure. However, nutritionally, grasses are lower in crude protein and minerals, especially calcium and higher in fiber.

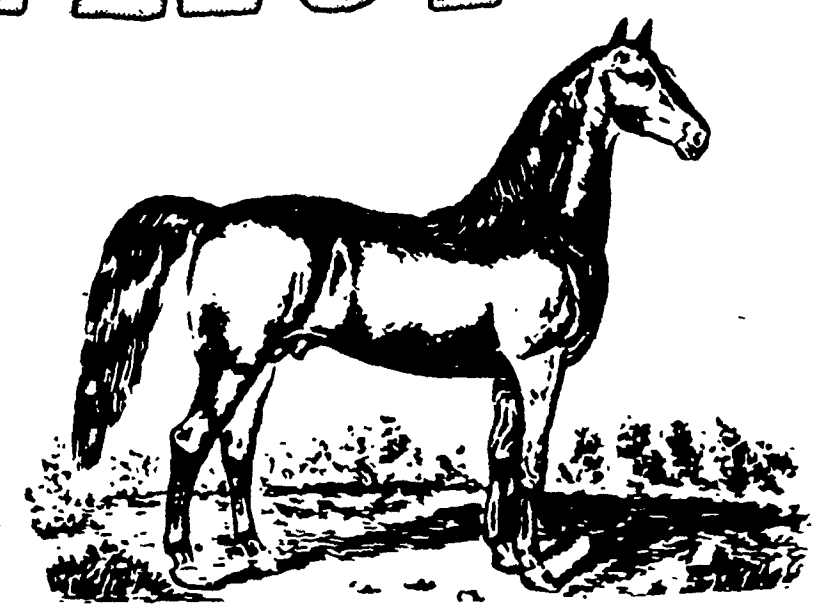
Legume hays include alfalfa and clover which are higher in protein, calcium and vitamin content than grass hays. Legume hays at one time were frowned upon as horse feed because of their curing difficulty, richness and laxative effect. However, the advantage of increased yield and the higher protein content of legume hay should not be overlooked when selecting hay for your horses. Many farmers plant a combination of legumes and grasses for hay because these mixtures result in high palatability with a good balance of protein and fiber.

To cut down on hay costs it would behoove the horseowner with a small number of horses to form a small cooperative with local horsepeople and purchase hay from local farmers in bulk quantities at the time of harvest. Additional savings can be had if hay is picked up right out of the farmer's field after it is baled. Make sure that enough hay is purchased during the growing season to last through the winter and early spring when hay prices are sky high.

Before purchasing hay there are a few easily recognizable characteristics of a high quality product. These include:

1. Make sure the hay has been cut at an early stage to assure maximum nutrient content.
2. Hay should be leafy and not stemmy with a bright green color which indicates high palatability, proper curing and high carotene content.
3. Hay should be free of foreign

(Turn to Page B12)



Model airplane delivers virus to kill cabbage insects

COLUMBIA, Mo — A model airplane is helping Missouri scientists deliver virus to cabbage pests.

In tests, a radio-controlled plane has dropped "good" viruses on the larval offspring of cabbage looper moths as it sweeps over cabbage fields.

"The idea is to create hot spots of infection in the fields and then determine how effectively the virus spreads to infect cabbage loopers throughout the field," said K. Duane Biever, Agricultural Research Service entomologist.

The virus infects only cabbage and is one of several pest controls Biever is testing as part of an Integrated Pest Management program.

Biever, who is headquartered at the U.S. Department of Agriculture's Biological Control of Insects Research Laboratory in Columbia, sees the model airplane approach as a "practical and fun way to get the job done."

Last fall, Biever collaborated with Roy Baker, president of a St. Louis-based Radio-Controlled Model Airplane Club, to flight test airplanes and evaluate the liquid-spray delivery system that is battery-powered.

"This past year, which was extremely wet, would have been an excellent time to have had this system available, because growers often could not get through their fields to spray at the right time," Biever said.

The model airplane approach is just one of the control strategies being tested by Biever and other Missouri scientists involved with Integrated Pest Management, both at the USDA lab and the University of Missouri-Columbia.

"IPM programs use natural or biological controls whenever possible for long-term regulation of pests. The idea is to keep pest numbers below economically damaging levels," Bievers said.

Mitchell Roof, who directs the University of Missouri IPM program, said the pest management approach is also being used in Missouri on corn, grain sorghum, soybeans, alfalfa, tomatoes, potatoes, cotton, and some fruit crops.

Model airplanes drop virus-laden spray on cabbage insects as part of a Missouri biological control program. It's considered a "practical and fun way to get the job done."

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4.	BLUE	9.	LT. BLUE
5.	LAVENDER	10.	LT. GREEN

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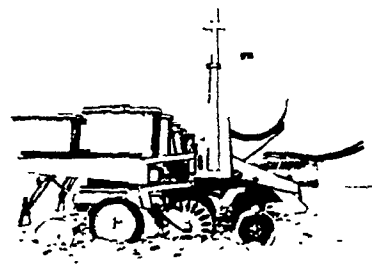

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4-row N	$500	$800
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7100 Integral:		
12-row N	$1200	$1800
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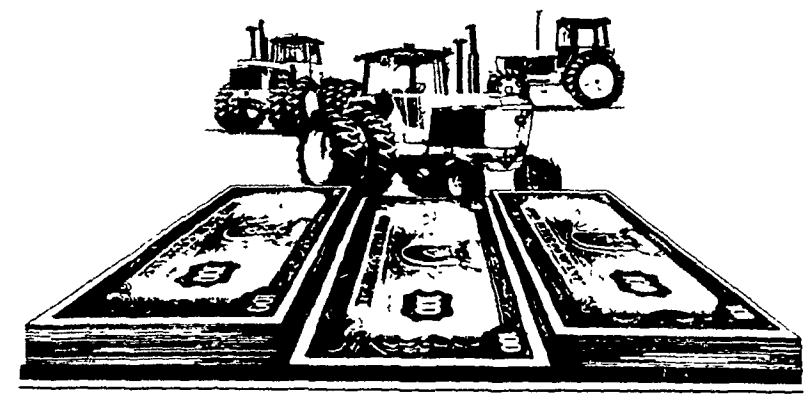

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8640	$ 7,400	$4,500
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4840	$ 5,600	$3,600
4640	$ 5,200	$3,400
4440	$ 4,200	$2,800
4240	$ 3,600	$2,300
4040	$ 3,400	$2,200
2940 w/oSGB**	$ 2,600	$1,800
2940 w/SGB**	$ 2,200	$1,400
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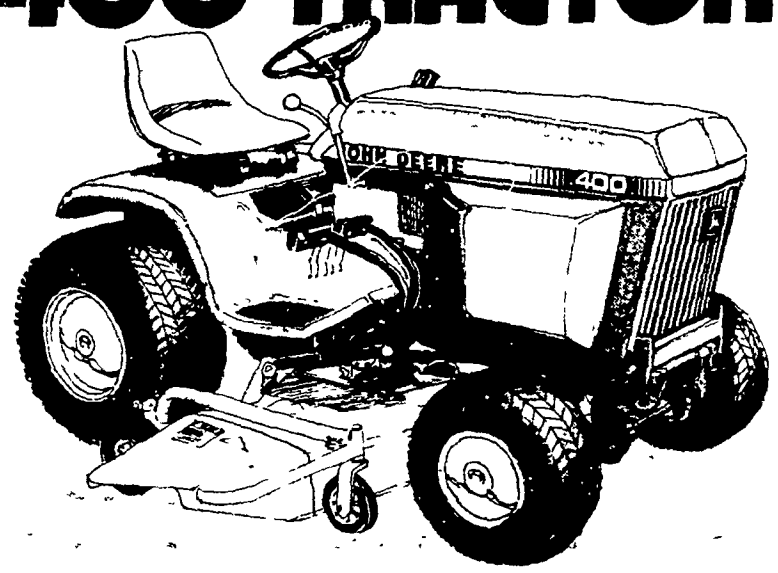

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Like other John Deere Tractors, the 400 is "human engineered" for safety. A triple-safety starting system helps prevent accidental starts. And a safety switch shuts off the engine if you leave the seat with the PTO engaged.

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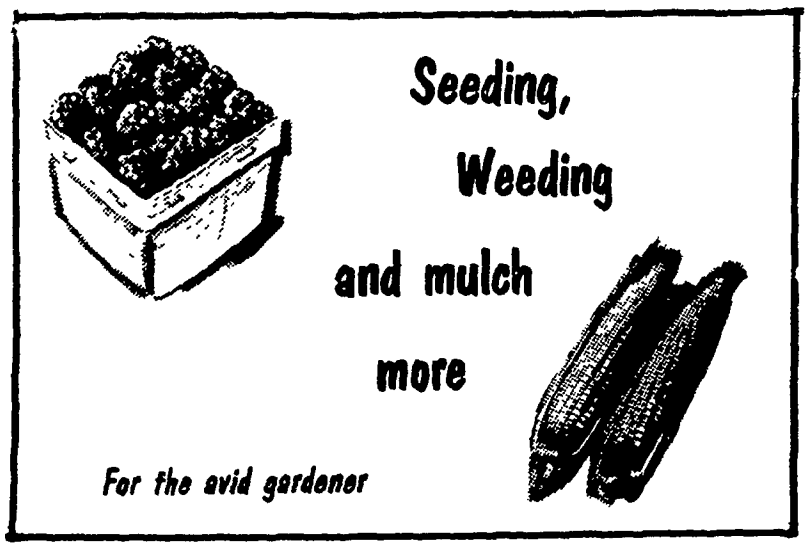

Water on plants

Do you have a drainage problem on your land? Many plant growth problems are caused by poor drainage, say Ray Shipp, Extension agronomist at Penn State. Prolonged periods of wet weather are especially hard on plants that grow where water runoff is poor.

While poor nutrition or soil conditions such as excess acidity or excess alkalinity may cause most plants to grow slowly or poorly, these conditions seldom kill a plant. If your plants are dying and there's no obivous cause such as insects, disease, or infertile soil, look for a stress condition resulting from too much — or too little — water.

Unfortunately, stress conditions caused by too much moisture aren't always easy to recognize. They seldom result in immediate or rapid plant death. So it may take a while for you to realize what's happening.

Soils which are wet and waterlogged contain little oxygen. Plant roots need a good oxygen supply in order for the plant to survive. These wet soil conditions also encourage the development of root rot organisms which gradually weaken and eventually kill a plant. The plant may not die for several months, or even years. It may finally go in the midst of a long dry spell, making it hard to believe that excess water was the cause.

Pull up the plant and examine its roots. If they're partially rotted, poorly developed, and have an unhealthy black color, the cause of death was quite likely too much water.

Hemlocks grow in wet, poorly drained areas whereas other evergreens do poorly or die.

Poor drainage is easy to recognize in places where water stands for long times during the fall, winter and early spring. Grayish colored soil material within two feet of the ground surface is another indicator. While the problem is more likely to occur in fine-textured clay and silt soils, it can also occur in very sandy soils if these are in low lying or high water table areas.

Unfortunately, correction for poor drainage is seldom simple, says the soil specialist. Recognition of the problem cause is the first step. Then you must do something to improve conditions.

In fine, clay soils where drainage is impeded because of tight soil, adding sand may be the answer. It will take a considerable amount of sand to do the job though — enough to produce a half sand/half soil mixture.

In low lying spots, filling in or regrading may help. Just check to be sure you don't "solve" the problem by grading up your lot and making the water all run into your neighbor's yard instead.

Some drainage problems arise from poor grading around the foundation of a house, causing water from downspouts to collect and stand. Regrading these places and using a conduit to lead downspout water away from them will usually correct this situation.

Selecting hay for horses

(Continued from Page B10)

material such as weeds, leaves and sticks.

4. The smell should be fresh and pleasant.

5. Hay should be dry and free from mold or dust.

It is up to the horseowner to decide the type of hay that is fed to his horses considering locality, nutritive needs and budget. However, the horseowner should not cut corners on feed and should make every effort to provide the best quality ration that his money can buy.

GARDENER'S ALMANAC

Summer-Fall

JULY

PESTS — Check plants for signs of trouble. Maintain disease and insect control by spraying fruits, vegetables, flowers and ornamentals.

FLOWERS — Fertilize roses Give them the last feeding of the year so that new growth will have time to harden before cooler weather sets in.

LAWN — Do not feed lawn Spray any crabgrass that appears with post-emergence chemicals Check for insect damage and spray as necessary

TREES — Check evergreens for spider mites Shake evergreen branches over a piece of white paper If mites are present — spray with a miticide two times a week at two week intervals Recheck often, they multiply rapidly in midsummer heat

AUGUST

VEGETABLES — Harvest any onions that have matured from the spring planting and let them cure in the sun for several days Plant radishes, mustard and turnip greens for a late crop

FLOWERS — To prolong the life of your bedding plants and boost your houseplant collection, take annual cuttings now

PESTS — Spray roses with fungicide to curb black spot. Check vegetables and ornamentals for pest problems and spray accordingly

SEPTEMBER

VEGETABLES — Harvest ripe vegetables If you live in a warmer climate, plant kale, lettuce, carrots and spinach

FLOWERS — Plant spring flowering bulbs the last of this month for next spring Feed annuals for the last time to keep them blooming Feed flowering shrubs to encourage healthy growth next season

LAWN — Prepare lawn for winter Remove grass clippings and other debris

OCTOBER

VEGETABLES — Gather winter squash and pumpkins before the first frost Spade under what remains in the garden, including vegetable foliage and leaves

FLOWERS — Protect roses Mound soil about 10 inches deep over the bases of the bushes and cover this with a layer of leaves and straw If winter is severe in your area cover the entire bush with a cone or box

LAWN — Rake all leaves and use them as mulch in flower and evergreen beds under trees and around flowering shrubs Feed the lawn with a low-nitrogen lawn food late this month to stimulate root growth, which will take place when the tops stop growing

TREES — Wrap all young trees with a long strip of burlap or tree tape to avoid sunscald Sunscald occurs when the bark of a young tree is warmer during the day and when subjected to freezing temperatures at night The burlap or tape protects young bark until the tree has a chance to develop a thick bark of its own

NOVEMBER

PESTS — Dormant spray to destroy overwintering bugs This is a must for fruit trees and grapes

TREES — Spray broad-leaved evergreens with Wilt-Pruf early this month to keep them from being scalded by sun and wind this winter

LAWN — Keep your lawn mowed until growth stops Apply fungicide sprays to turf for snow mold control before first snowfall

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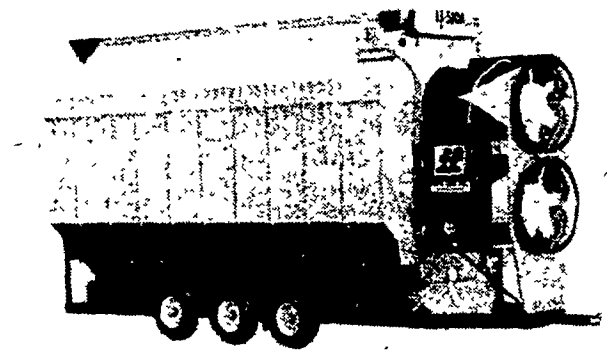

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Protect peaches from brown rot

COLLEGE PARK — With the main peach harvest season just around the corner, it's time for backyard tree-owners and fruit-stand customers alike to make plans for keeping brown rot from spoiling the enjoyment of this delicious fruit.

For tree-owners, the key is timely spraying with a recommended fungicide, notes Paul W. Steiner, Extension specialist for fruit crop diseases and associate professor of botany at the University of Maryland.

If time permits, two applications of spray should be made prior to harvest, Steiner says. The first spray should be made about three weeks before the expected harvest date, and the second application should follow in 10 days to two weeks.

Actually, the recommended spray materials — benomyl and captan — can both be applied safely right up to the day of harvest. If your peaches are an extremely early variety, you may not have time for the double-spraying. But even one application is better than none, Steiner commented.

Sanitation is also important in the fight to control brown rot.

Disposing of all mummified fruit, including fruit that falls on the ground, will cut down on the quantity of brown rot fungus spores on hand to contaminate next year's crop.

Picking baskets and other containers left over from a previous year should be thoroughly cleaned with a disinfectant before using for this year's harvest.

Remember that the brown rot fungus gains entrance to the peach through superficial wounds. So resist the temptation to allow peaches to become fully tree ripe before picking. They are far less apt to suffer damage if you pick them when the ground color (yellow side of the fruit) first becomes completely yellow.

Peaches are a little too firm for juicy eating at this point, Steiner admits, but they will have achieved their maximum sugar content. So you gain nothing in quality by leaving the peaches hang until fully ripe. But you do take plenty of risk from bird pecks and handling damage, which allows entry of the brown rot fungus.

Finally, if you buy your peaches at a roadside market or in a grocery store, you can help to prevent spoiled fruit by giving your peaches a gentle bath in a milk bleach solution as soon as you bring them home. No brushing or scrubbing is required.

Chester plans pasture meeting

DOWNINGTOWN — A meeting on pasture maintenance, establishment, renovation, and general management will be held on Tuesday evening, July 20 beginning at 7:30 p.m. at the Downingtown High School on Route 322 Downingtown.

Main speaker for the evening will be John Baylor, Penn State agronomist and pasture specialist.

The meeting is open and free to the public and is sponsored by the Penn State Cooperative Extension Service and the Southeast Farm Credit Service. For further information contact the Chester County Cooperative Extension Service at 215/696-3500.

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4-H youth win state award

Editors Note - Following are more Pennsylvania youth to be announced as 1982 4-H National Awards Program winners.

During the next few issues, the remaining winners will be featured in Lancaster Farming.

Berks 4-H'er wins dairy award

UNIVERSITY PARK — Jayne Malsbury, 18, of Jaimore Farm, Rehrersburg, who has compiled an outstanding record in 4-H work, today was named state dairy foods contest winner in the 1982 4-H National Awards Program.

Jayne will be eligible to attend the National 4-H Congress in Chicago, November 28 to December 2, and compete for awards at the national level.

Support of the dairy foods project is provided by Carnation Company.

She was picked from among the more than 100,000 youth who annually take part in the Extension Service educational 4-H program.

The state dairy foods winner completed projects in dairy foods, cooking, sewing, careers, engineering, plant science, recreation, home environment, health, and teen leadership.

Locally, she took part in 4-H county fair, a woodburner's expo, foodarama, and county council.

Jayne also participated in Pennsylvania 4-H Leadership Congress, State 4-H Capital Days, and State 4-H Achievement Days.

Jayne Malsbury

Commenting on the values of the educational youth program, the contest winner said: "As a result of my work as a teen leader, Ihave discovered how much I can learn by teaching others."

Potter youth wins ag scholarship

UNIVERSITY PARK — Leo Dunn, 18, of R1 Coudersport, who has compiled an outstanding record in 4-H work, was named state nominee to compete for an agricultural scholarship.

Leo will be eligible to attend the National 4-H Congress in Chicago, November 28 to December 2, and compete for awards at the national level.

Support of the agricultural scholarship program is provided by the Educational Foundation of Alpha Gamma Rho.

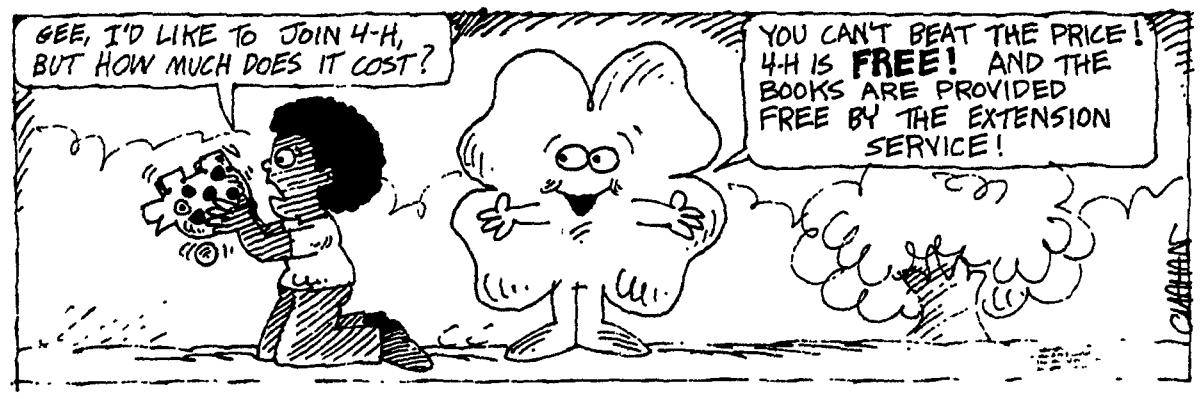
The state agricultural scholarship winner completed projects in dairy, poultry, rabbits, pet care, landscaping, foods, veterinary science, indoor gardening, swine, riflery, horse and leadership.

Locally, he took part in recognition night, 4-H roundup, a leader's and banker's dinner, 4-H county picnic, and officer training.

Leo also participated in regional leader training, State 4-H Capital Days, Citizenship Washington Focus, and Pennsylvania 4-H Leadership Congress.

Commenting on the values of the educational youth program, the contest winner said: "4-H has made it possible to meet people and make friends from across the nation."

CHRIS CLOVER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Montgomery Co. youth wins

UNIVERSITY PARK — Rick Wojton, 19, of 1718 West Main Street, Trappe, has compiled an outstanding record in 4-H work, and named state wood science winner in the 1982 4-H National Awards Program.

He will receive an expense-paid trip to the National 4-H Congress in Chicago, November 28 to December 2, and compete for awards at the national level.

Support of the wood science project is provided by Weyerhaeuser Company Foundation.

The son of Mr. and Mrs. Henry Wojton, Rick is a sophmore at Delaware Valley College, majoring in ornamental horticulture. He has been a 4-H member for 10 years.

Richard Wojton

A member of the Trappe Community 4-H Club, he has served as president, game leader, and teen leader.

Rick has completed 4-H projects in pet care, handyman, riflery, planataria, wood science, cooking, wildlife, automotive, forestry, and tractors.

Locally, he participated in teen council, 4-H fair, Livestock Show, day camp, and camp counselor training programs. Rick also took part in State 4-H Achievement Days, Pennsylvania 4-H Leadership Congress, PAFC, and State 4-H Capital Days.

Commenting on the values of the educational youth program, Rick said: "I have developed leadership skills which have helped me in college and my daily life."

Hottle wins from Bucks County

UNIVERSITY PARK — Bonnie Hottle, 17, of R1, Coopersburg, today was named state nominee for an Edwin T. Meredith Foundation Scholarship in the 1982 4-H National Awards Program.

The daughter of Mr. and Mrs. Clarence Hottle, Bonnie is a freshman at East Stroudsburg State College, majoring in speech pathology and audiology. She has been a 4-H member for 11 years.

As a member of the Spurs 'N Burrs 4-H Horse and Pony Club and the Whichway 4-H Club, she served as president, vice president, secretary, treasurer, news reporter, and county council representative.

Bonnie has completed 4-H projects in rabbits, clothing, horsemanship, dog care, arts and crafts, foods, and leadership.

Locally, she has participated in county council activities, exchange trips, junior olympics, officers training, achievement nights, and county government day.

Bonnie Hottle

Bonnie also was a delegate to the Pennsylvania 4-H Leadership Congress, State 4-H Achievement Days,and PAFC Summer Institute. Last year, she attended National 4-H Congress in Chicago as the state winner in the 4-H dog care program.

Commenting on the values of the educational youth program, she said: "The 4-H teen leader project gave me the opportunity to share my knowledge with others."

Holmes wins from Lehigh Co.

UNIVERSITY PARK — Judy Holmes, 17, of 2239 West Elm Street, Allentown, who has compiled an outstanding record in 4-H work, today was named state health contest winner in the 1982 4-H National Awards Program.

She will receive an expense-paid trip to attend the National 4-H Congress in Chicago, November 28 to December 2, and compete for awards at the national level.

Support of the health project is provided by Kraft, Inc.

The daughter of Mr. and Mrs. Martin Holmes, Judy is a freshman at York College, majoring in child psychology. She has been a 4-H member for 10 years.

Judy Holmes

A member of the Poppin Pins 4-H Club, Judy has served as president, vice president, secretary, treasurer, game and song leader, and junior leader.

She completed 4-H projects in babysitting, macrame, health, embroidery, needlepoint, sewing, cooking, crafts, career development, flower gardening, citizenship and leadership.

Locally, Judy has participated in teen council, roundup activities, fashion revue, demonstrations, and 4-H camp.

She also took part in Citizenship — Washington Focus, Farm Show, State 4-H Capital Days, Pennsylvania 4-H Leadership Congress, and State 4-H Clothing Judging Contest.

Commenting on the values of the educational youth program, the contest winner said: "4-H has given me the opportunity to make a lot of new friends whom I will always remember. At the same time, 4-H has helped me develop into a more responsible person."

N.J. 4-H'ers win public speaking contests

FLEMINGTON, N.J. — Tammy Woske, 16, of Whitehouse Station received top honors recently in the State 4-H Public Presentation Contest held at Cook College. The prize winning demonstration, entitled, "Alexander" dealt with the care and raising of cockatiels. She brought one of her cockatiels, Alexander, to illustrate the purpose of the presentation. Woske is presently a finalist in the State 4-H Poultry Awards program.

Fourteen other Hunterdon County 4-H members also participated:

Three members gave presentations on the horse project: Lisa Davis, 17, of Lebanon, discussed the proper methods of evaluating riders in a horse show. Fourteen-year-old Kim Ryan of Whitehouse Station gave her audience a lesson on Equine Reproduction. Another fourteen-year-old , Whitehouse Station resident, Wendy Woske, presented a short talk on the "Invisible Enemy--Parasites on Horses."

Sheep club members who gave presentations were: Debbie Gengler, 15 of Franklin Township on the Care of Newborn Lambs; Melissa Yontz, 16 of Pittstown, "The Sheep Barn" and two teams: Gretchen Kuehn, 16 from Flemington and Karen Horvath, 15 of Stanton told how to raise an orphan lamb and John Sebastiano, 15 and Frank Kolondra, 14 discussed "Parasites."

Wendy Van Duyne, 16 from Sergeantsville, showed how to make Pumpkin Bread. Margie Van Duyne, 18, also of Sergeantsville, demonstrated Trapunto Pillows. Decorative Spoons was the topic for Jackie Lewis, 17 of Lebanon. A Ringoes resident, 16 year old Janet Rogers covered the subject of alfalfa for her presentation.

Maryland resident is China ambassador

COLLEGE PARK, Md. — A Howard County young man will be Maryland's representative in the first 4-H international program with the People's Republic of China, scheduled to begin in July.

He is 22-year-old J. Robert Moxley III of West Friendship. Moxley will be joining a group of 12 Americans from 10 states in Hong Kong on July 18 to begin a three-week educational experience.

Included in the program will be 10 days of living and working with host families on the Chinese mainland in an agricultural commune situation.

There will also be an orientation session and visits to such historical places as Beijing, the Han and Tang Dynasty sites, the Great Wall, Ming Tombs, the Forbidden City and Guilin. All of the participants will be paying their own expenses.

Maryland's representative in the exchange program grew up on a Howard County farm; he was an active 4-H member and editor of Green Horizons, a now-defunct county 4-H newspaper which he started in 1977. His father, James R. Moxley, Jr., recently stepped down as president of the Maryland 4-H Club Foundation, having served in that capacity since 1978.

The younger Moxley graduated from Duke University in December 1981 with a bachelor's degree in arts and economic sciences. He plans to start law school at Duke in August, soon after his return from the Orient.

During the past six months, Moxley has served as a legislative aide both for James Clark, Jr., president of the Maryland Senate, and for U.S. Congresswoman Beverly Byron.

Moxley received a $1,000 scholarship from the Coca-Cola Company in 1977 as a national winner in the 4-H citizenship program. He plans to pursue a legal or business career, with hopes of also being involved in politics.

J. Robert Moxley III poses with "Betty's Boy," a neoclassical art deco statue in the star-shaped English garden of dwarf edging boxwood at his parents' rural home near West Friendship in Howard Co., Md. Moxley is this nation's first 4-H international ambassador to the People's Republic of China.

Pottstown holds horse judging clinic

YORK — Spring Creek Farm, Pottstown, was the setting for the Southeast Pennsylvania 4-H Horse Judging Contest held Tuesday, June 29.

Among York County senior competitors, Lynette Brown of York won both the High Individual title overall and the first place award in oral reasons. Teammate Kelly Troup, of Manchester, captured the fourth place award overall and placed sixth in oral reasons. Nine counties competed in the contest with the York County team of Lynette Brown, Kelly Troup, Debbie Calhoun and Terri Schissler placing second.

In the junior division Sherri Stough, Seven Valleys, was third, Denise Wilson, York, was fifth while Lisa Calhoun, Stewartstown placed ninth. Diane Gentzler, York, was the tenth individual overall.

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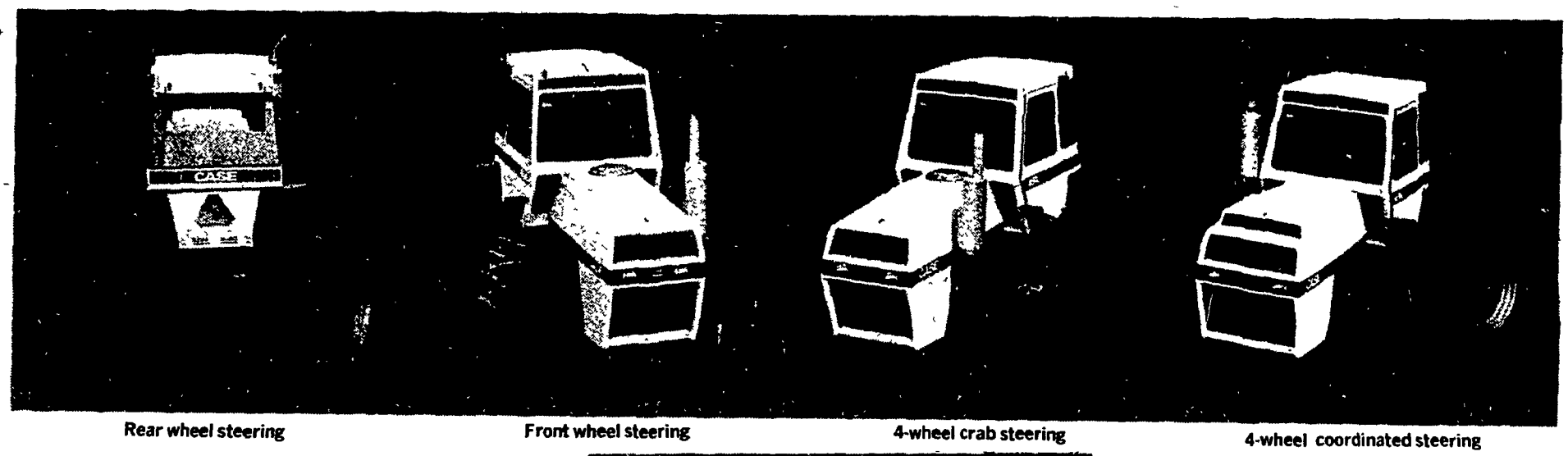

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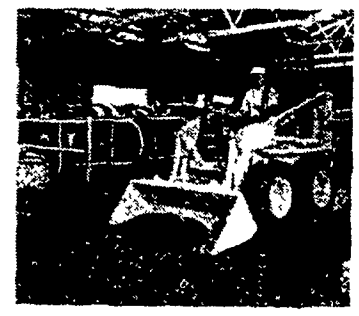

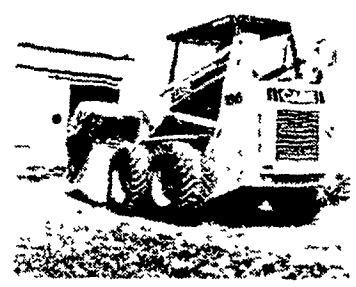

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Dairy photo album

It seems that these goats decided to share and share alike. The communal meal was shared by two goats, a turkey and a calf on the farm of Frances and Jack Wilkins of Greenville, Delaware.

Gracious...those goats

LANCASTER — Consider the dairy goat.

The delightful creature provides us with milk, cheese and as some of our dairy photo participants shared with us — companionship. The gentle animals, however, showed no discrimination as they chose people, dogs and turkeys as buddies.

Just ask George and JoAnn Kitchen of Stroudsburg. Their Toggenburg doe kid, Chocolate Chip, was caught in the act of nosing up to the Kitchen's German Shepard Gretchen. JoAnn explained that Gretchen plays with the goats as much as she can and is also very protective of them.

In addition to Chocolate Chip, the Kitchens have her twin brother Hershey Bar and two milking does. Visitors to the Kitchen farm could be greeted by the sight of George and JoAnn strolling to a nearby pond with four goats and a dog in tow.

Frances Wilkins of Greenville, Delaware doesn't have to be reminded how well goats get along with others. She submitted a photo in our contest which illustrated this point. Wilkins captured on film, two goats sharing a meal with a turkey and a calf. But the Wilkins menagerie doesn't stop there. On their Delaware farm the Wilkins have a minature donkey, peacocks, rabbits, a racoon, dogs and cats.

No matter if it's an Alpine, Lamancha, Nubian, Saanen, Toggenburg or grade, the versatile goat, which is becoming more popular on family farms, won't pass up an opportunity to make new friends.

Kids will be kids (no pun intended). But these two wee ones are probably sharing ideas on life when you're under three feet tall. The photo was submitted by Amy Zimmerman of Manheim.

This baby Toggenburg finds a playmate in a much larger pal. Chocolate Chip the goat and Gretchen, the cavorting canine spend their days on the farm of George and JoAnn Kitchen, Stroudsburg.

Wayne Co. holds fitting, showing demonstration

LEDGEDALE — The Wayne County 4-H beef showmanship and fitting demonstration was held Saturday, June 26 at the Laurel Ridge Farm of Don Januszewski here.

John and Joann Hausner of Dover and Sam and Gail Hunter from Smithsburg, Md., served as instructors for the showing and fitting demonstration.

Topics that were covered at this demonstration included clipping and grooming of beef steers, bulls and heifers, and hoof trimming.

N.J. State 4-H'ers win at dairy judging

FLEMINGTON, N.J. — Janet Rogers, 17, of Ringoes, N.J. will travel to Madison, Wisconsin in October as a State 4-H Dairy Judging Team member for a national competition.

Rogers placed second overall in the state contest, held recently in Doylestown, Pa.

Tom Hoffman, a 17-year old Califon resident, placed third overall. Hunterdon's judging team of Janet Rogers, Tom Hoffman, Kurt Hockenbury, Tom Gonzalez and Mark Bodine, placed third overall.

Eight 4-H teams took part in the event.

Hunterdon County, N.J. placed in the individual classes as well. The team took fifth place in the Guernseys and Jerseys and second in the Holstein classes. Team members placing individually were Rogers, who placed first in Holsteins and second in Jerseys and Hoffman, who placed fifth in Brown Swiss.

Coaches for this year's team were Sandy Rogers of Ringoes and Mark Douglass of Pittstown.

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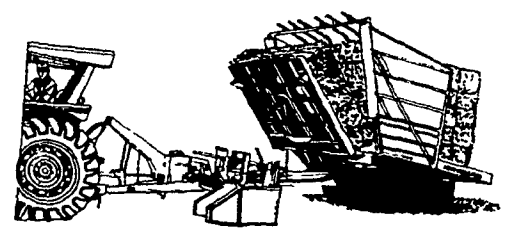

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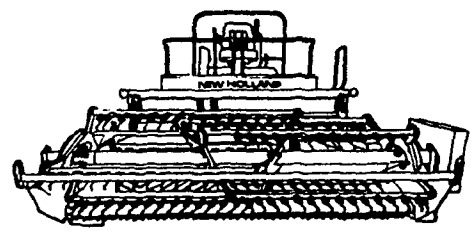

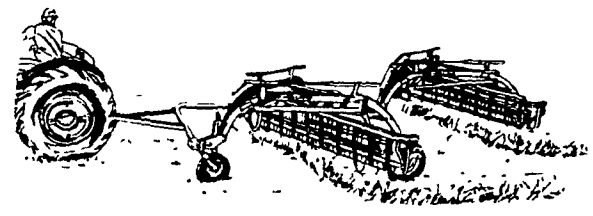

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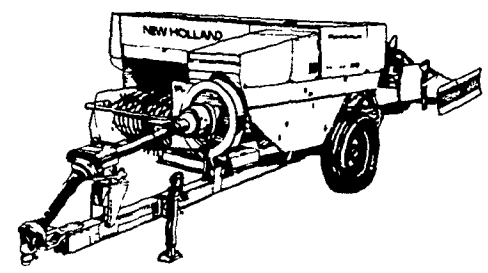

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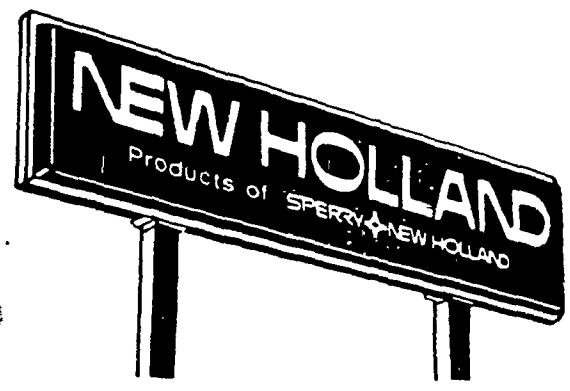

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Adams 4-H Club promotes Dairy Month

HANOVER — Last weekend shoppers here at the North Hanover Mall received a pleasant milk refresher and a chance to see a real live dairy promotion at a display in the mall's main corridor. The display was under the direction of the Adams County 4-H Dairy Calf Club.

The 4-H'ers sold cow-shaped erasers, cookbooks, and passed out informational material on dairy products, all to promote June Dairy Month and the 4-H program. County Dairy Princess Jennifer Behney was on hand to serve milk punch to more than 600 busy shoppers, along with milk serving ideas and recipes.

A special attraction for the little folks was a 3½-month-old Jersey calf that they could ask questions about and pet. The calf, "Susie," is the 4-H project of Kathy Reever.

Shoppers also could register to receive one of ten $10 gift certificates or one of five $20 gift certificates for dairy products from Robel Acres Dairy Store, New Oxford. The gift certificates were furnished courtesy of the North Hanover Mall Merchants Association — GSM

Dairy Princess Jennifer Behney and Jean Reever serve milk punch to shoppers. The display was set-up by the Adams County 4-H Dairy Calf Club to answer questions about the production of milk and the 4-H program.

Adams County Dairy Princess Jennifer Behney talks with young visitors to the Adams County 4-H Club promotional display in the North Hanover Mall, Hanover. Children and adults alike enjoyed visiting with the four-legged mall guest. The calf's owner Kathy Reever looks on from behind.

Red Rose beef club meets

LANCASTER — The Red Rose Club met, Wednesday, July 7 at Em-Tran Inc. Members saw an embryo transplant demonstration.

The next meeting will be the annual tour, August 5.

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1 Feeds & Feeding 9th Murrison p165

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4-H, Farmers Show scheduled

TRENTON, N.J. — Sandy Bobik, Mercer County, N.J., 4-H'er has "Kaari" well in hand. But her mother, Lynn Bobik has problems catching up with 2-month-old "Timmy." Both Bobiks and horses can be seen at the Mercer County 4-H and Farmers' Show, July 23 and 24, at the Mercer County Park Skating Center in West Windsor, N.J. The 4-H show features 4-H exhibits in horticulture, farm animals, foods, clothing, woodworking. Daily activities include games, hay rides, shows and contests, Mr. Barbecue and the Funnel Cake Lady, commercial and educational displays for all ages.

Farm Women Societies

Lancaster Co. Society 6

Lancaster Society 6 met, Saturday, July 10 at the home of Mr. and Mrs. Musser Heisey of Mt. Gretna.

Speaker Millie Eisman gave a talk on "You and I and Yesteryear."

The next meeting will be held August 14 at the Church of the Brethren in Elizabethtown.

Lancaster Co. Society 10

Lanaster Society 10 met recently at the home of Mrs. Harry Weider of Landisville to hear Edgar Matterer, retired educator, who presented an illustrated lecture on "The Development of the American Flag."

In place of the regular August meeting, members will attend the county picnic at the Lampeter Community Park on Tuesday, August 3.

Hostess for the September meeting will be Mrs. Noah Getz of Harrisburg Pike.

Lancaster Co. Society 19

Lancaster Society 19 met at the Landisville Tea Room, July 11, for a picnic.

Members voted to donate $25 to LARK and $50 to International Farm Youth.

Members will be entertained by Society 27 at their July 20 meeting at the Brubaker Spring House.

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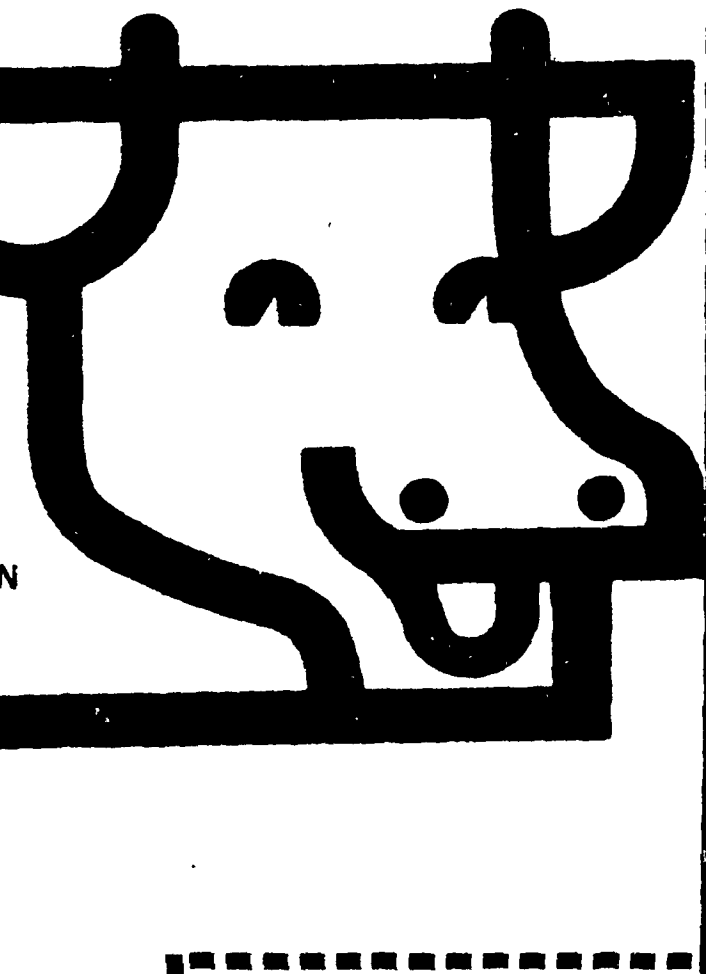

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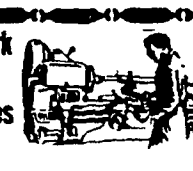

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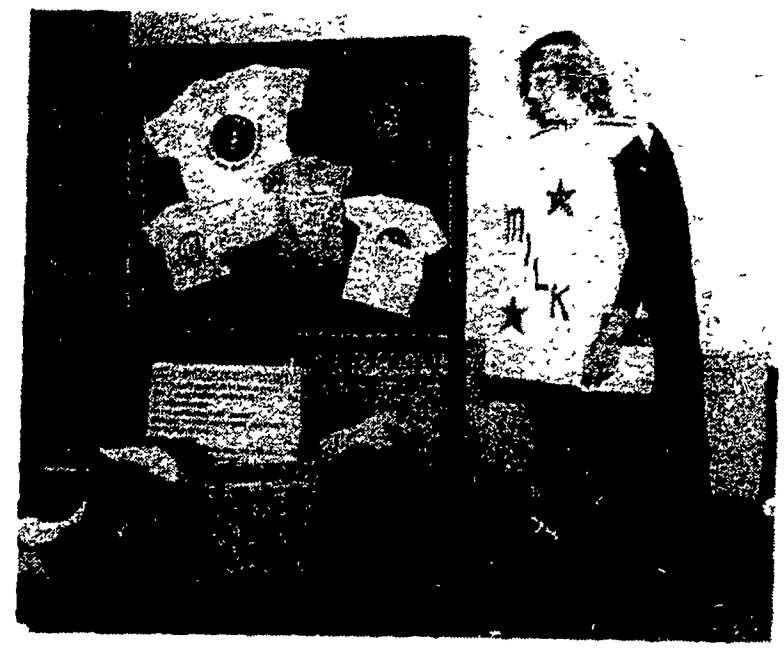
Linda Musser of Quarryville attended the princess seminar to offer the girls some hints on hair care. A few lucky girls had the opportunity to have their hair styled by Linda. Viola Kramer of Sullivan County was one such girl.

This barn cat found a drop of milk and is surveying its contents...hum, it says "3.5 percent protein." Actually it's Jolene Snyder of Beaver/Lawrence counties doing her skit.



Carolyn Seipt of Montgomery County felt compelled to fight milk crimes for her skit. In her pursuit of justice and the American way, she found a poor woman who just didn't drink enough milk.

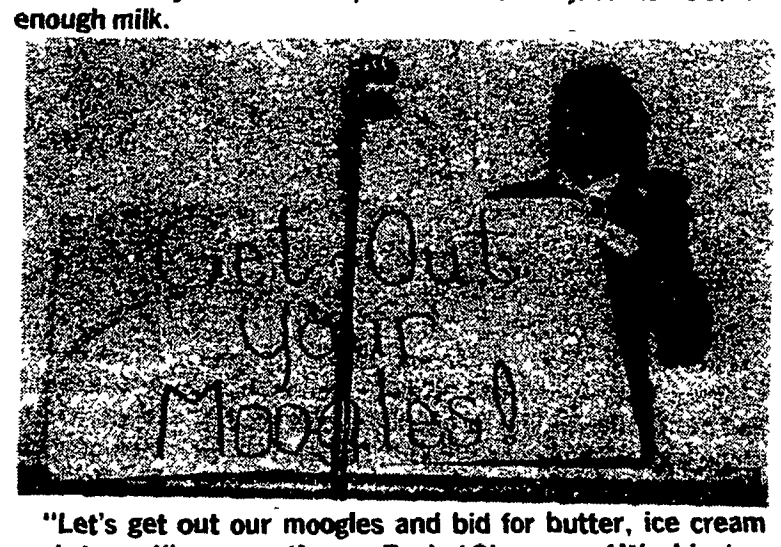
Dairy princesses receive promotion training

WILLIAMSPORT — More than luck and a dairy background make a good dairy princess — it takes practice, poise, talent, looks, a dynamic personality and a knowledge of public relations, people, and the dairy industry.

These were the subjects being ingrained into the minds of dairy princesses and alternates from 40 counties throughout Pennsylvania when they met Monday through Wednesday at the annual dairy princess training seminar, held this year at Lycoming College.

The seminar, sponsored by the American Dairy Association, featured skilled training personnel in the fields of television techniques, hair and make-up

(Turn to Page B21)



"Let's get out our moogles and bid for butter, ice cream and cheese!" says auctioneer Rachel Sherman of Washington County. The first sale? A sundae. Sold to the lady in the first row with the "shiney teeth," for 150 moogles.

The 40 county princesses who gathered for the annual dairy princess training seminar Monday through Wednesday at Lycoming College took time out from classes and workshops to pose for a group picture. From left, kneeling, are Viola Kramer, Sullivan County; Michelle Martin, Franklin County; Emily Sue Kyper, Huntingdon County; Janean Frye, Westmoreland County; Marilyn Stoltzfus, Chester County; Susan Michelle, Mercer County; Gail Gamble, Wayne County; Nancy Berkley, Somerset County; Kimberly Kriebel, Perry County; Ann Sanderson, Crawford County; Sheri Bensink, Warren County; second row, standing are Ruth Ryan, Juniata County; Cynthia Piwowar, Fayette County; Dawn Hower, Northampton/Lehigh counties; Nancy Yorlets, Cumberland County; Jolene Sue Snyder, Beaver/Lawrence counties; Kimberly Meabon, Erie County; Valarie Moon, Bradford County; Carlene Rohrer, state dairy princess; Lori Bauder, Lycoming County; Dawn Yerkes, Bucks County; Sylvia Houtz, Centre County; Kimberly Hoover, Blair County; LuAnn Brenneman, Lancaster County; Brenda Marie Morris, Clearfield County; row three, up steps are Carrie Yoder, Mifflin County; Angie Griebel, Calrion/Venango counties; Tamara Tyson, Lebanon County; Amy Gates, Bedford County; Margaret Hoover, Cambria County; Jennifer Behney, Adams County; Carolyn Seipt, Montgomery County; Karen Snyder, Columbia/Luzerne; Suzette Shoop, Dauphin County; Susan Norman, Tioga County; Helen Seidel, Berks County; Annette Shirey, SUN area; Michele Campbell, Butler County; Mary Ann Coleman, Susquehanna County; Rachel Sherman, Washington County; Nancy Eisenhart, York County.

Princesses receive training

(Continued from Page B20)

care, social poise, public speaking, newspaper publicity, nutrition and public relations — all designed to make the new dairy representatives effective communicators and symbols of good dairying.

Mrs. Joanne Peifer, dairy princess coordinator for northeast Pennsylvania, served as this year's seminar coordinator.

The participants, all new to the dairy promotion task and all crowned within the last several months, included the upcoming September state pageant as one of their goals for learning at the seminar.

On hand to present special techniques in effective communication was Grover Gouker Jr. of the Dale Carnegie Institute, a well-known speaker and emcee throughout the southeast Pennsylvania region.

Betty Rode from the Bureau of Marketing at PDA delivered hints on social poise while Diane Long from WLYH in Lancaster aided the girls in television presentations.

"Working together to get the job done," was the topic Richard Norton of Atlantic Dairy Association chose to address the girls.

The seminar, complete with milk breaks and a formal banquet, provided more than education in that each girl left with at least one new friend in the dairy industry one new friend to look for at the state pageant.

For a sampling of their workshops and the fun derived, see pictures included here. - D.K.

Horrors! Someone drinking soda in her health salon? No, says LuAnn Brenneman of Lancaster County. At her salon, people drink only the fresher refresher - milk.

Susan Norman of Tioga County gets a few hints from PDA's Betty Rode on social poise and posture.

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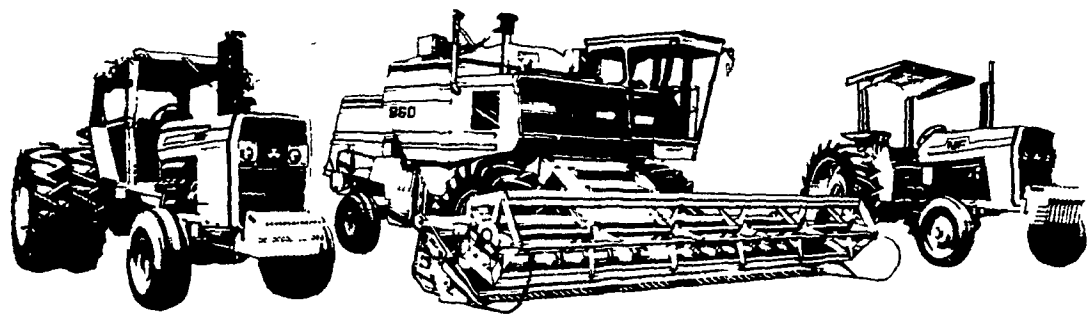

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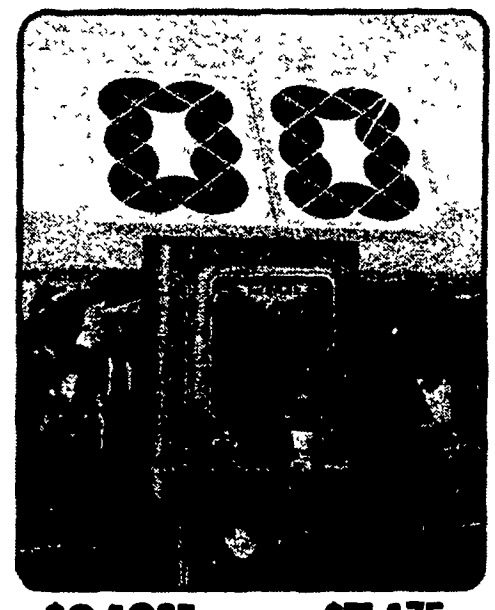

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Everybody loves a salad

Salads are a very important part of a well-balanced diet, but the same old lettuce and tomato combination can be an appetite turnoff. Salad is not just the lettuce — it is anything and everything from the garden, the produce department or the canned or frozen fruit and vegetable section of your favorite supermarket, served with any of the many flavors of dressings available to compliment the flavor.

Be creative and experiment with new ingredients. You will discover that you can serve interesting new dishes without wrecking your food budget. Today anything goes.

To get you started, I want to share the following recipe with you. Try it and then be creative and substitute other ingredients in your own version of a layered salad.

Majestic Layered Salad

1 quart torn spinach
2 cups mushroom slices
1½ cups red onion rings
2 10-ounce packages frozen peas, cooked & drained
1 cup mayonnaise
½ teaspoon sugar
2 crisply cooked bacon slices, crumbled

In a 2½ quart salad bowl, layer spinach, mushrooms, onions, and peas. Combine mayonnaise and sugar. Spread over salad to seal. Cover; refrigerate overnight. Top with crumbled bacon before serving. Serves 8.

Ther Versatile Muffin

Of all baked goods, muffins are probably the easiest and most troublefree — a true convenience food. Somehow they seem to make any meal seem special. They can be made on a whim, because the basic ingredients (flour, milk, butter or oil, and eggs) usually are on hand, and they rarely take more than 30 minutes from start to finish.

Any number of fresh or dried fruits, nuts, whole-grain flours, and grains can make their way into a muffin. Sour cream, yogurt, buttermilk, or fruit and vegetable juices can replace milk as the basic liquid; honey, molasses, malt syrup or maple syrup can be used instead of white or brown sugar. Each combination of ingredients yield muffins with their own unique texture, flavor, and crumb.

Muffins can be just as nutritious and satisfying as bread. When made with whole-grain flour, they are rich in protein and vitamins — more so, in fact, than many breads because of the eggs and dairy products they contain.

Success with muffins requires only a few simple instructions. A good muffin would have a uniform texture, and the top should rise to a rounded peak. The trick is to handle the batter as little as possible and to make sure your oven is preheated. Too much stirring will yield a muffin that is heavy. Do not stir the batter until it is smooth. The lumps will disappear during baking.

There is no limit to the possibilities for variation. Whether bursting with blueberries or subtly seasoned with cheese, muffins are always appealing. Sweet or savory, light or dense, they make a welcome addition to any table.

Soil test now for summer seedings

UNIVERSITY PARK — Planning to make an August seeding? Does the field need lime? What fertilizer are you going to use, and how much per acre?

If you don't have the answers to these questions, you'd better have the soil tested now, says Douglas Beegle, Penn State Extension agronomist. Don't wait until you make the seeding and then guess. Chances are your guess would be wrong, he says.

"Doing the job right can make the difference between a successful new seeding that will start your field toward years of highly productive, high quality forage, or a seeding failure," adds Beegle.

"The first and very important step in getting soil tests is to do a good job of taking soil samples from the field. The best results can be no better than the sample and information sent to the lab. Instructions for proper soil sampling are included in soil test mailing kits, which are available from your County Agent or County Extension Office.

"With something as important as your forage crops, you must do the best job possible to establish a new seeding. So don't guess — soil test!"

F.W.S. Calendar

Sunday, July 18

Lancaster Co. Society 3 meets for a family picnic at Sunny Craft Farm

Monday, July 19

Lancaster Society 31 meets for an election of officers

Lancaster Society 30 meets for miniature golf at Strasburg

Tuesday, July 20

Lancaster Society 27 to entertain Society 19 at Donegal Presbyterian Church

Berks Society 6 meets for a tour

Thursday, July 22

Lancaster Society 28 meets with Edie Bontrager and daughter Michelle for a talk, and to entertain Society 20

Saturday, July 24

Lancaster Society 12 meets to discuss safety hints

Lancaster Society 4 meets with Betty Robinson for an auction picnic supper

Berks Co. Society 11

Berks Society 11 met recently for a progressive meal. They started with an appetizer at the home of Fran Dubble, went to the home of Linda Marks for a salad, journeyed to the Wendy Lingle home for the meal and last visited the Rose Hibsham home for dessert.

The next meeting will be held July 26 at the home of Linda Marks.

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90	485	648	808	971
100	539	720	900	1078
110	593	792	989	1187
120	648	864	1080	1296
130	688	936	1170	1376
140	755	1008	1260	1510
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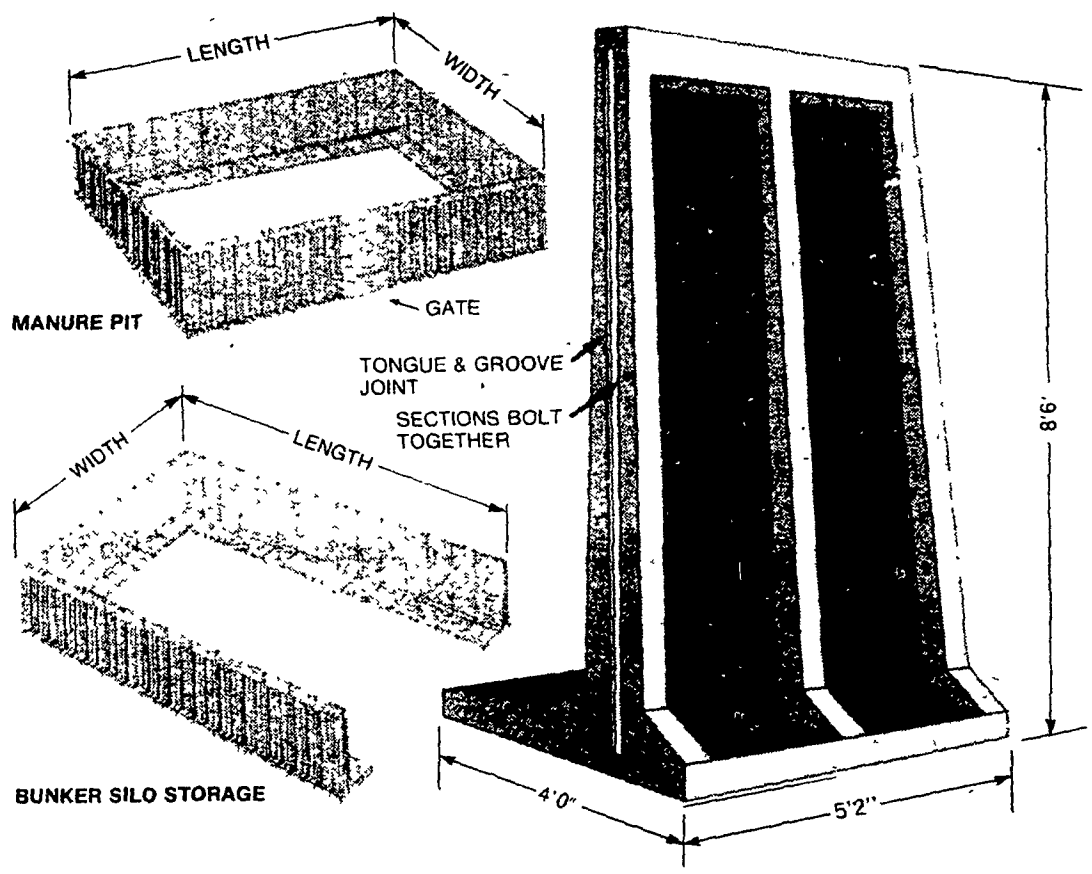

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Lehigh FFA sweeps swine honors

QUAKERTOWN — Students at the Lehigh County Vo-Tech School, Schnecksville, swept top honors at the South East Area FFA Swine Show and Sale held Wednesday at the Quakertown Sales Stables.

More than 60 market hogs were shown and sold by Vo-Tech FFA'ers from Lehigh County, Upper Bucks County and Western Montgomery.

Among the top winners from Lehigh County were:

Todd Bennecoff took the grand champion honors with his 205 lb. Hampshire, which was entered in the light heavyweight class.

Reserve champion honors went to Leslie Lazarus with his heavyweight Yorkshire weighing 235 lbs. Lazarus was a double top winner in the competition, capturing showmanships honors, too.

Cheryl Wessner was named champion fitter in the annual show.

The top five placers in order of finish in the various classes include:

Lightweight — Todd Bennecoff, Lehigh; Darlene Freed, Upper Bucks; Leslie Lazarus, Lehigh; Kevin Bealer, Upper Bucks; Todd Bennecoff, Lehigh.

Heavy Lightweight — Todd Bennecoff; Leslie Lazarus; Dale Hockman, Upper Bucks; Bonnie Wessner; Lehigh; Leslie Lazarus.

Middleweight — Dale Hockman; Cheryl Wessner, Lehigh; Darlene Freed; Leslie Lazarus, 4th and 5th.

Heavy Mediumweight — Leslie Lazarus, 1st & 2nd; D. Christopher, Upper Bucks; Todd Bennecoff; Dale Hockman.

Heavyweight — Leslie Lazarus swept the top three places.

Heavy Heavyweight — Kris Shive, Upper Bucks; Dwayne Helm, Upper Bucks; Darlene Freed; Ed Aker, Upper Bucks; Darlene Freed.

Fitting — Cheryl Wessner; Leslie Lazarus; Todd Bennecoff; Bonnie Wessner; Darlene Freed.

Showmanship — Leslie Lazarus; Todd Bennecoff; Cheryl Wessner; Bonnie Wessner; Kris Shive.

Champion Fitter trophy is displayed by Cheryl Wessner, of Lehigh County FFA.

Berks FFA to hold hog show

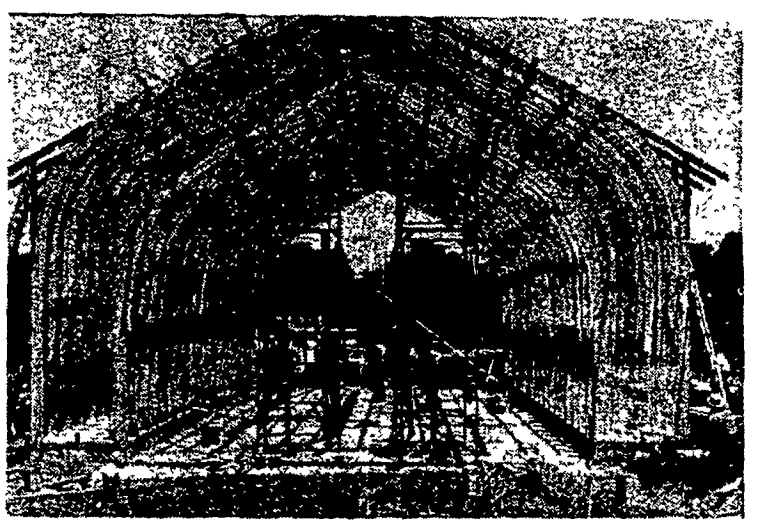
LEESPORT — The Berks County FFA Market Hog Show and Sale will be held at the Leesport Auction on Wednesday, July 28.

The show will get under way at 10 a.m. and the sale will begin at 6 p.m.

Approximately 50 head are expected in the competition in the lightweight, mediumweight and heavyweight classes. Grand and reserve champions will be selected from the class champions.

Todd Bennecoff, of the Lehigh County FFA, poses with his grand champion market hog of South East FFA Show and Sale.

Double winner in South East FFA hog competition is Leslie Lazarus, of Lehigh County FFA, with reserve champion and showmanship honors.



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Lehigh 4-H Council sponsors judging contest

ALLENTOWN — Four-H members from eleven counties participated at the Lehigh County Judging Contest held at the fairgrounds, here, on July 1.

(Turn to Page B25)

The junior winning team reigned from Chester County. Members were: Betsy Colket, Nancy MacCauley, and Ken Walker.

Winning the titles of Senior High Individuals were these five anxious youngsters. They are: Carol Ginder, Lancaster County; Bob Livingston, York County; Nelson Beam, Chester County; Julie Myers, York County; and Chad Cash, Centre County.

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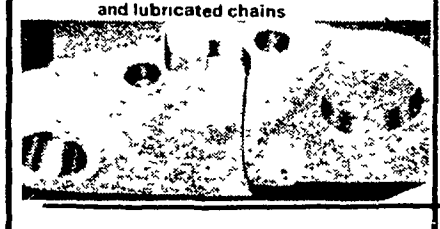

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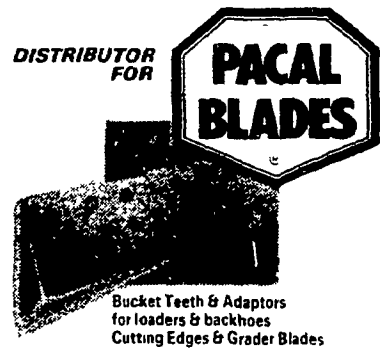

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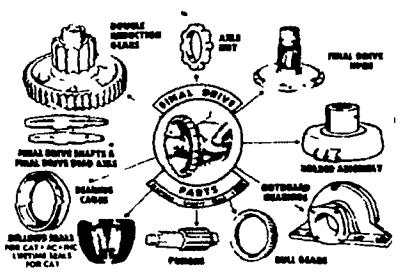

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Lehigh 4-H

(Continued from Page B24)

The counties were: Adams, Berks, Carbon, Centre, Chester, Cumberland, Lancaster, Lehigh, Montgomery, Northampton, and York; with York emerging number one county.

Contestants judged six classes of livestock (two of beef cattle, two of sheep and two of pigs). Each class contained four animals. Contestants' placing were scored on the basis of agreement with the placings of official judges.

Senior contestants gave oral reasons for their placings of three classes, one in each species, Oral reasons were scored for accuracy, completeness, and clarity.

Official judges for the event were: Lee Wagner, farmer from Northampton County, for beef cattle; Jerry McCammon, student at Penn State, for sheep; and Rod Gilbert, manager at Delaware Valley College in Doylestown, for swine.

The contest was sponsored by the Lehigh County 4-H Livestock Council.

Ninety-three 4-H members (54 juniors and 39 seniors) participated in the contest. In addition, seven adults participated and were scored.

Results are as follows:

Juniors

— BEEF Cathy Shive York Eugene Moore Centre, Lori Cash Centre, Joann Rishel York Tricia McMahon Montgomery

— SHEEP Gavin Grim Lehigh Becki Fincky Chester Eugene Moore Centre Brian Fleck Centre Betsy Colket Chester

— SWINE Travis Steigerwalt Carbon James Heffner Berks Ricky Clifford Chester Jennifer Druck York Ken Walker Chester

— INDIVIDUAL JUNIORS Nancy MacCauley Chester Tricia McMahon Montgomery Gavin Grim Lehigh Betsy Colket Chester David Schultz Northampton Bryan Fleck Centre Fritz Frey Lancaster Cathy Shive York Greg Zook Berks Eugene Moore Centre

COUNTY TEAMS

JUNIORS

1 Chester 2 Lancaster 3 Centre 4 Berks 5 Northampton

Adults

Mary Heffner Berks Shirley Stricker Berks Mr Trexler Lehigh Jerry McMahon Montgomery Danadee Miller Carbon

SENIORS

— BEEF Nelson Beam Chester Bob Livingston York Debra Krause Lehigh Chad Cash Centre Ernie Frey Lancaster

— SHEEP Bill Wise York Ernie Frey Lancaster Julie Myers York Chris Shive York Steve McMahon Montgomery

— SWINE Sheila Fairbairn Chester Julie Myers York Eileen Fairbairn Chester Kim Lott Adams Nelson Beam Chester

York County emerged from the Lehigh Livestock Contest as the winning county. Members of their winning team were Chris Shive, Julie Myers, and Bob Livingston.

Top four high individuals in the category at the recent Lehigh Livestock Contest were: Betsy Colket, Chester County; Gavin Grim, Lehigh County; Tricia McMahon, Montgomery County; and Nancy MacCauley, Chester County.

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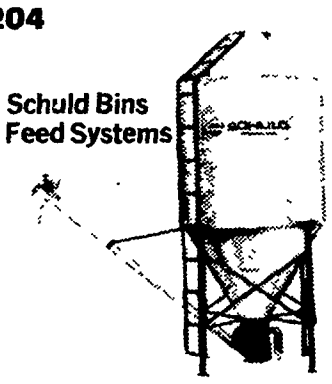

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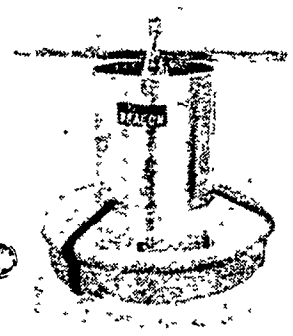

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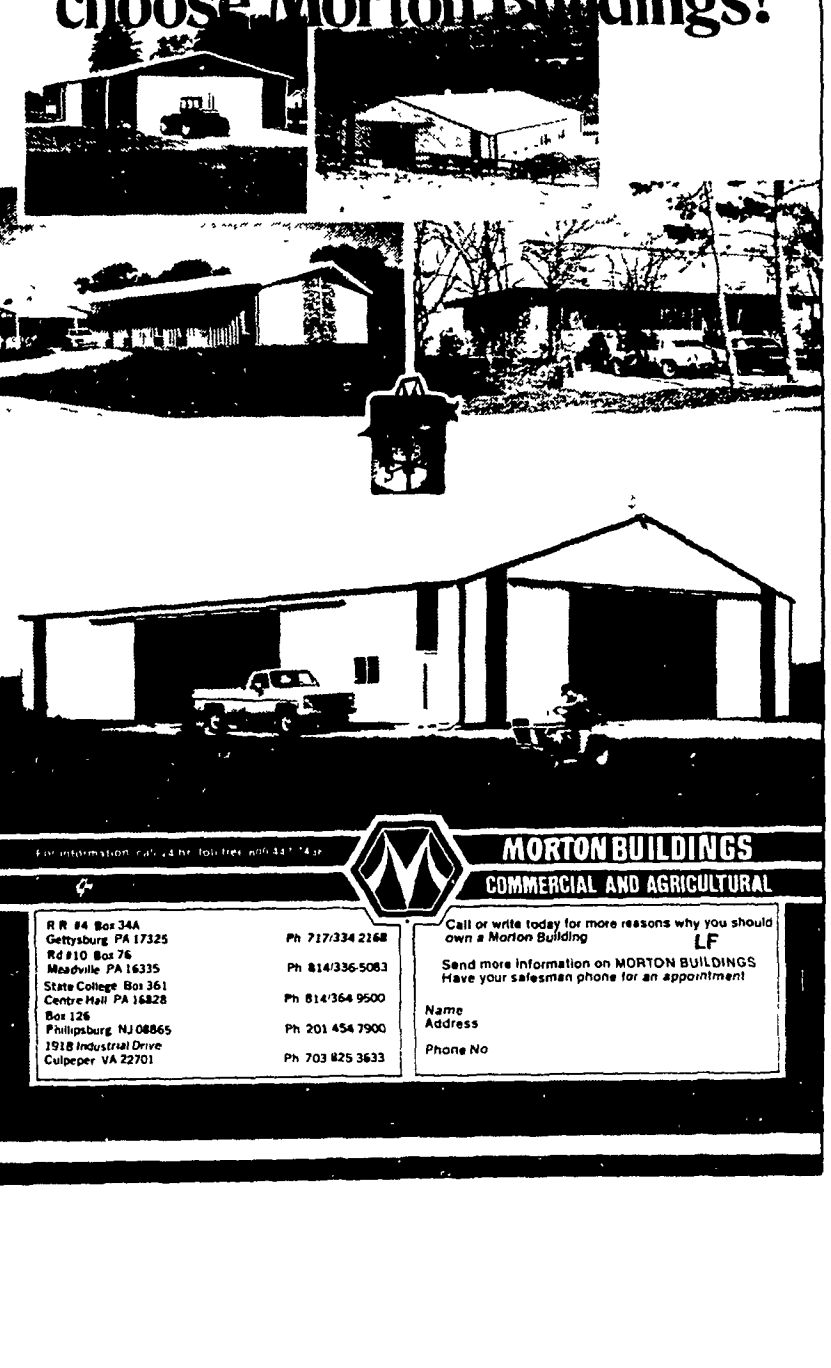

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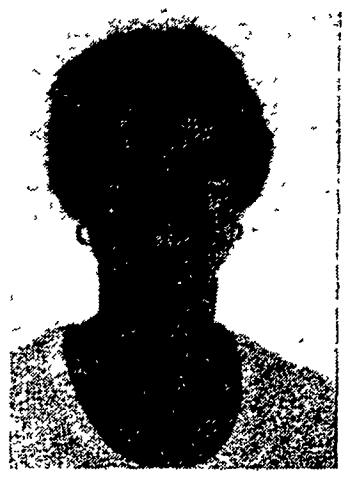

On being a farm wife -And other hazards

Joyce Bupp

Seems everyone these days is "into" writing a book.

In spite of abundant selections of frozen entrees, booming sales of microwave ovens and fast food restaurants gracing every block, cookbooks continue to rank in the top sellers lists. Search bookstore shelves diligently and you'll find cookery volumes devoted to everything from artichokes to zucchini.

Then there is the unending parade of "how-to" publications, ranging from fixing a spigot washer to building your own house for under a thousand dollars.

Some books are guaranteed to grab the attention of the casual browser, at least to take a second look. One in that category that immediately comes to mind is the recent release of something called "Real Men Don't Eat Quiche," a compilation, supposedly, of ways to tell a real man from an unreal one.

I know that you'll want to rush right out for that one.

Now let me tell you all about my own new book I'm planning. It's a "how-to", and I figure can serve a real need at the moment.

It'll be called: "A Thousand and One Uses for Rotten, Rained-On Hay."

Just a few excerpts from this volume to whet your appetite:

—Chop your moldy, damp hay, bag it, and sell as pure, organic, bacterially-boosted landscaping and garden mulch;

— Layer it on roofs in need of a reshingle job, bearing in mind that a thatched roof is considered an expensive, status symbol in the Scandinavian countries;

— Market it to stock car race tracks as disposable material to cushion dangerous sharp turns;

— Stuff a plastic feed bag with the chopped material, close tightly, and give to your friends as a pop-art bean-bag chair - or a sturdy weapon to be used in pillow fights.

Run, don't walk, to your nearest bookstore to place your pre-publication order for a copy of this helpful little how-to to assure that you get one before they go out of circulation.

Potato pest handbook

UNIVERSITY PARK — Diseases, insects, and weeds affecting potatoes are identified in a handbook published by the College of Agriculture at Penn State.

The handbook is designed for use throughout the northeastern states, according to David R. MacKenzie, co-author with the Department of Plant Pathology.

"This handbook is helpful to potato growers, workers with the Extension Service of the state universities, and other individuals wanting to produce maximum yields of high quality potatoes," MacKenzie commented.

Entitled "Potato Diseases, Insects, and Weeds," it features 78 full-color illustrations of the most common pests which can damage potatoes. Descriptions of pest problems and a pest identification key make up the bulk of the handbook. It was printed in 1978.

Sized for taking into the field to identify pests, it measures 5½ by 10 inches on 88 pages. It contains a heavy cover and special stitched binding for durability. Recommendations for pest control are included.

"Potato production is hindered by numerous diseases, insects, and weeds," MacKenzie declared. "With the proper use of cultural practices — while integrating pesticide usage with natural or biological controls — crops losses can be reduced," he affirmed.

"Potato Diseases, Insects, and Weeds" is available for $4.25, tax and shipping included, from Department 6000, University Park, PA 16802. Make checks and money orders payable to The Pennsylvania State University. Allow at least two weeks for delivery.

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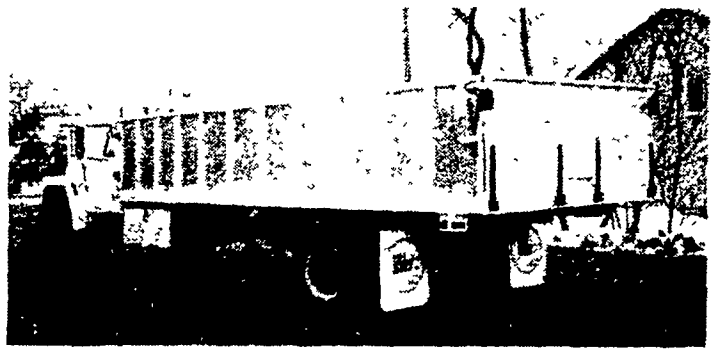

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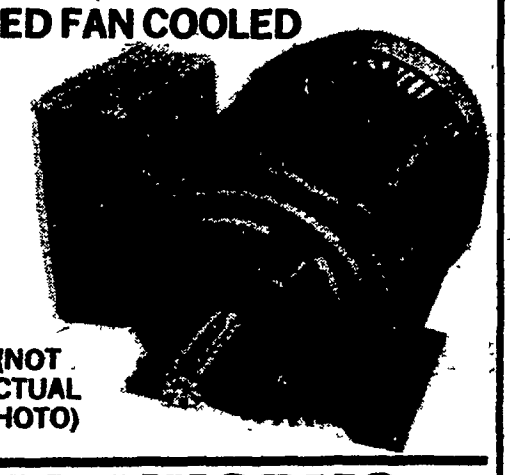

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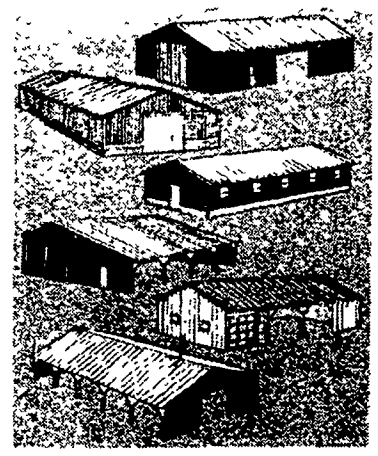

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TRUSSES

Fresh milk makes Hershey's the great American chocolate bar

BY GINGER SECRIST MYERS
Staff Correspondent

HERSHEY — Milton S. Hershey's success story epitomizes the American dream of pauper turned millionaire through his persistence, hard-work, and imagination in the candy industry.

Hershey, the "father" of the U.S. chocolate industry, molded near defeat into a thriving business. Failing in his efforts to become established in the candy business on his first attempt, Hershey traveled to Denver, New York, Chicago, and even to New Orleans in quest of his fortune. He had no success in those cities, but in Denver he learned that the secret of making good candy was to use fresh milk. It was that secret that would make him a fortune.

Hershey arrived in Lancaster in 1886 and with the help of family and friends started to produce "Hershey's Crystal A," a melt in your mouth caramel candy made from fresh milk. By 1900 Hershey sold his extremely successful caramel company for the then unheard of price of one million dollars.

Caramels made Hershey his first fortune, but it was the organization of the massproduction of milk chocolate that has become Hershey's greatest contribution to the American food industry. Hershey perfected his milk chocolate formula through trial and error, but he always included the use of fresh milk as a vital ingredient in the process. Today, that perfected process is used in the manufacturing of more than 30 Hershey chocolate products that are available in a variety of packaging to suit consumer preference.

According to Susan Graham, manager of Public Information for Hershey Foods, milk constituents make up approximately 25 percent of an individual candy bar. Milk is combined with sugar which makes up about 50 percent of the bar, cocoa butter which makes up 14 percent, and chocolate liquor which makes up the remaining 11 percent of the bar.

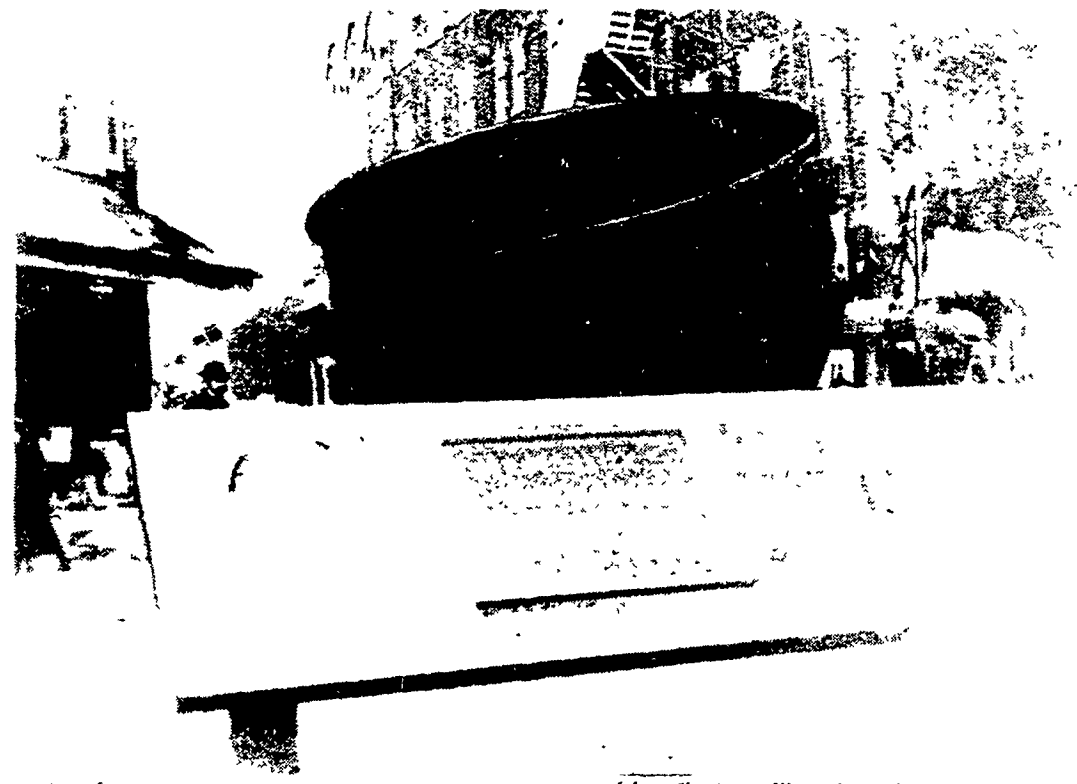
Graham stated, "Our silo capacity for milk from our shippers is more than 150,000 gallons and we're presently replacing some of those silos and adding a few more. Our daily usage of fresh milk is great enough to supply the needs of all the people in a city the size of Philadelphia for a day. Demanding that great of a supply, our procurement of fresh milk from local dairymen certainly has a great economic effect on the area."

Hershey's demand for milk is so great, according to Wallace Willig, Hershey's manager of Milk Procurement, that today the company purchases milk from more than 1,050 family farms within a 90-mile radius. This makes Hershey's the largest proprietary milk handler in the state of Pennsylvania. Where once there were 38 milkcan receiving stations, Hershey's now has one of the largest and most modern receiving and transfer facilities in the Middle Atlantic states.

Willig claimed Hershey's milk shippers have certain advantages. He concludes, "Hershey's has always provided a good steady milk market for our shippers and it's a market that is still growing. Many of the shippers are second generation shippers to Hershey and they identify very strongly with the Hershey's family.

Since Hershey's has the distinction of being one of the few candy manufacturers in the country to use fresh milk rather than powdered milk, the quality of the milk must be of the highest

(Turn to Page B29)



Milton Hershey made his first fortune making Hershey's Crystal A carmels in copper vats such as this one that is on display at the Hershey Museum of American Life. The small candy molds were used by Hershey to make his first milk chocolates but were soon abandoned for the mass production of bars, kisses, and chocolate coatings. Hershey found that the use of fresh milk was a vital ingredient in all his candies.

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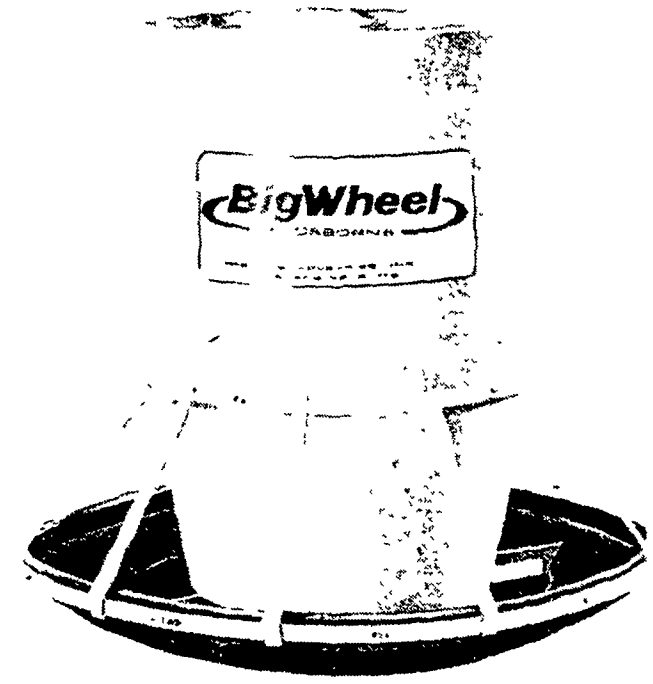

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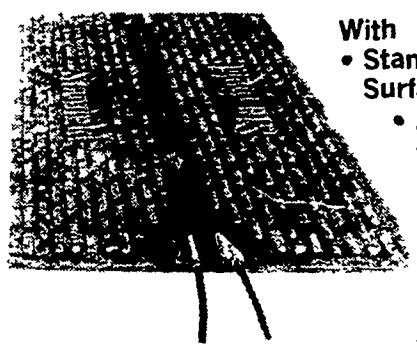

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? That's A ? Good Question

I noticed that early June seems to be the period of higher slaughter lamb prices. Lambs marketed 30 to 45 days later sell for substantially less because the supply has increased. How about some management practice suggestions to improve the reproductive performance of the flock?

A lamb producer

Mr. lamb producer:

For an answer to this question we turned to a recent release from Extension which describes sheep management practices to maximize profits.

Hot weather and high humidity can reduce the breeding of sheep. Shearing both the ewes and rams should help keep them cooler and improve their reproductive performance. High temperatures will delay onset of estrus, reduce ovulation and conception rates, and reduce embryonic survival. Semen quality of the ram is also reduced during hot weather. Rams should be completely sheared about four to six weeks prior to the start of the breeding season, and ewes should be sheared two weeks before the breeding season.

Provide access to trees, sheds, or any type of shade so sheep can get out of the sun. This should help them keep cool during the breeding season.

Breeding performance may be improved by placing the ram with the ewes at night and keeping him in cool location during the day. Treat for internal parasites three to four weeks before breeding.

Flushing (increasing feed intake) of ewes two weeks before breeding may increase the lamb crop 15 to 20 percent and aid in getting the ewes bred earlier. Although grain is normally used to flush ewes, good quality pasture should produce excellent results. Approximately one-half pound of ground corn per ewe per day would be adequate, Clair Engle, Extension sheep specialist says. Discontinue grain feeding two weeks into the breeding season. If pastures are used to flush ewes, they should not contain a high clover level. Clover produces an estrogenic compound that reduces breeding performance.

Be sure the ram is reproductively sound. A veterinarian will probably be needed to do a fertility examination. Don't waste half of the breeding season before discovering the ram failed to settle a single ewe.

Newly-purchased rams should be allowed at least four weeks to adjust to their new home before breeding season. Check their feet and legs. The feet of rams should be properly trimmed before the onset of the season, Engle says.

Provide adequate "ram power." The number of ewes that a ram can successfully serve during the breeding season will depend upon his age, physical condition, sex drive, and topography of the breeding area. Generally, up to 50 ewes can be mated to well-matured rams. Yearling rams under pasture breeding conditions should be exposed to only 20 to 25 ewes.

Check the flock during the breeding season to be sure that the ram is mating with, and settling the ewes. Some type of marking device on the ram will help in determining when the ewes are bred.

Mix tempera paint powder with mineral oil and apply it to the ram's brisket every three or four days. A mark will be left on the ewe's loin when the ram serves the ewe. Marks on the rump may only be "jump marks" and not a reliable indication that the ewe was serviced. Start with a light color and change to a darker color every 16 days (Length of the ewe's estrus cycle) so it can be determined whether ewes that have been bred are settled.

For a detailed production calendar, contact your county Extension office. Ask for the "Production Calendar for Pennsylvania Sheep Producers" prepared by Clair Engle.

I read your article "Pasturizing cattle at Christmas possible with hardy forage." I am just getting into the farming business and am interested in getting more information on this pasturizing technique. Could you give me the address of Gerald Jung, from the USDA pasture research laboratory who supplied information for this article?

Russell Reider Jr.

Mr. Reider:

Certainly! Address your questions to Gerald Jung, USDA Pasture Research Lab, Curtin Road, State College, University Park, PA 16801. Phone: 814-237-7883.

For those of you who missed the article, grazing cattle on pasture right up to Christmas is something new in Pennsylvania. Farmers testing this new idea grow frost-resistant forage varieties of turnips, rape, kale, and rutabagas.

Jung is currently pioneering the use of these crops, known as the species brassica, for dairy cattle and livestock grazing. — DK

Am. Meat Processors converge on Denver in Aug.

ELIZABETHTOWN — The national convention designed for small meat plant operators gets off and running Aug. 8 in Denver with a wide variety of industry exhibits, educational sessions and social activities in store for delegates. The 43rd American Convention of Meat Processors takes advantage of both the location and the program mix to feature the theme "Put Your Business On Top."

The event, sponsored by the American Association of Meat Processors, is expected to draw thousands of meat business operators from throughout the United States and Canada. Activities will be scheduled Aug. 8-11 with exhibits in the Mile High City's Currigan Hall and workshop and social events to be held in the newly built Marriott Hotel - City Center.

More than 120 exhibitors had reserved booth space for the convention by May to display the latest in meat industry equipment, supplies and services.

The convention also will be the site of the popular American Cured Meat Championships where plant operators will compete for 56 plaques and national recognition in 14 different product classes, including pumped, country and boneless hams, dried beef, pumped and dry cured bacon, cooked and uncooked summer sausage, ring bologna and smoked turkey.

The Denver convention is designed for small meat business operators, including packers, processors, custom, retail, wholesale, home food service, HRI and purveyor firms, locker operators and freezer provisioners. It is not necessary to be a member of the American Association of Meat Processors to attend the convention.

For the twentieth consecutive year, the basic cost of registering a plant operator and his or her firm will be just $25. Additional persons from a registered business may attend the conventions for only $10 per person, and there is no charge for persons under 18 years of age.

For more information, write AAMP, P.O. Box 269, Elizabethtown, PA 17022, or phone 717-367-1168.

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• 10x12	$625.00	• 10x12	$545.00
• 10x14	$675.00	• 10x14	$595.00
• 10x16	$725.00	• 10x16	$645.00
• 12x14	$775.00	• 12x14	$695.00
• 12x16	$850.00	• 12x16	$770.00
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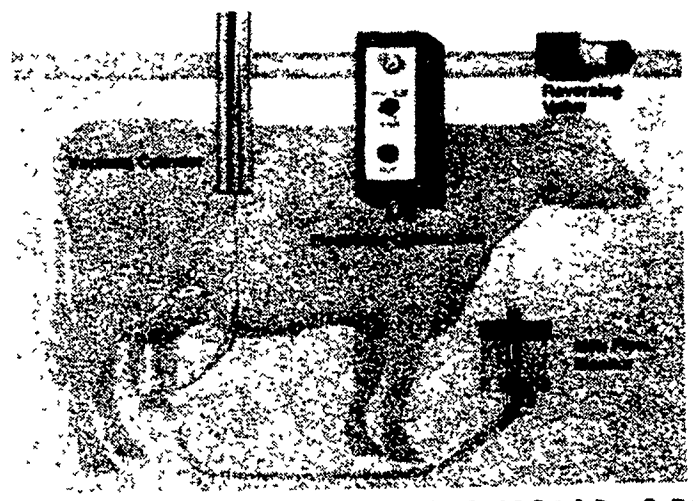

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Hershey's chocolate

(Continued from Page B27)

standards, explained Clarence Crowell, Hershey's manager of Quality Assurance. Crowell said, "At Hershey's we take a variety of steps to assure the consumer that he is getting consistency in the product...that he will be able to purchase candy this week and know that it will taste as good as the candy he got last week."

"Most of what we do in quality control is never apparent to the consumer. But, it is the determination of the quality and the selection of the materials along with our processing techniques which helps to give Hershey's chocolates their distinctive flavor. The milk we use is scrutinized just as closely as any of the other products." Crowell stressed Hershey's employs more than a hundred people in quality control.

Crowell noted all the milk received at the plant is tested for antibiotics, somatic cell count, butterfat, and added water. The milk is then standardized for utilization. According to Crowell, the Standards of Identity for Chocolates requires the milk used in the formulation of milk chocolate at least 12 percent combined milk solids and fats.

Crowell noted that the amount of milk in chocolate is fundamental to its quality. He explained that different types of chocolate receive their flavor through a variation in the amount of milk and sugar used in their formulation. Milk chocolate actually has a minimum amount of milk and chocolate liquor, but a greater amount of sugar. Dark chocolates have less sugar.

While none of the employees disclosed Hershey's "secret formula" for making milk chocolate, both Graham and Crowell agreed one of the most vital steps in the process is the conching of the chocolate. Crowell explained that during the conching process the chocolate is mixed at high intensity over a large surface area allowing the strong chocolate flavors to escape and the chocolate to mellow. Those escaping odors often fill the air of Chocolatetown U.S.A.

Graham noted that the demand for chocolate is somewhat seasonal with peak demands in the cooler months and over the holidays when more home baking is done. Hershey's, which concentrated its sales in the domestic market after World War II, is now following the lead of its competitors and expanding into the world marketplace, stated Graham. She added, "The Hershey's plant is the largest in the world, but we're not the largest producer. Hershey's is now expanding into the major international food market through a series of joint ventures."

This summer an added attraction to Chocolatetown is an exhibit of the life and success story of Milton S. Hershey, on display at the Hershey Museum of American Life. The exhibit features many of the early candy-making machines and promotional materials depicting Hershey's distinctive style of product promotion. The exhibit is open daily now through Sept. 12

Kids and Cows club holds swim party

LANCASTER — The Kids and Cows Dairy Club held a swimming party at the home of William Arrowsmith of Peachbottom, Monday, July 5.

Tom Arrowsmith, member and speaker for the evening, described the Leadership Congress he attended at Penn State recently.

The next meeting will be held August 2.

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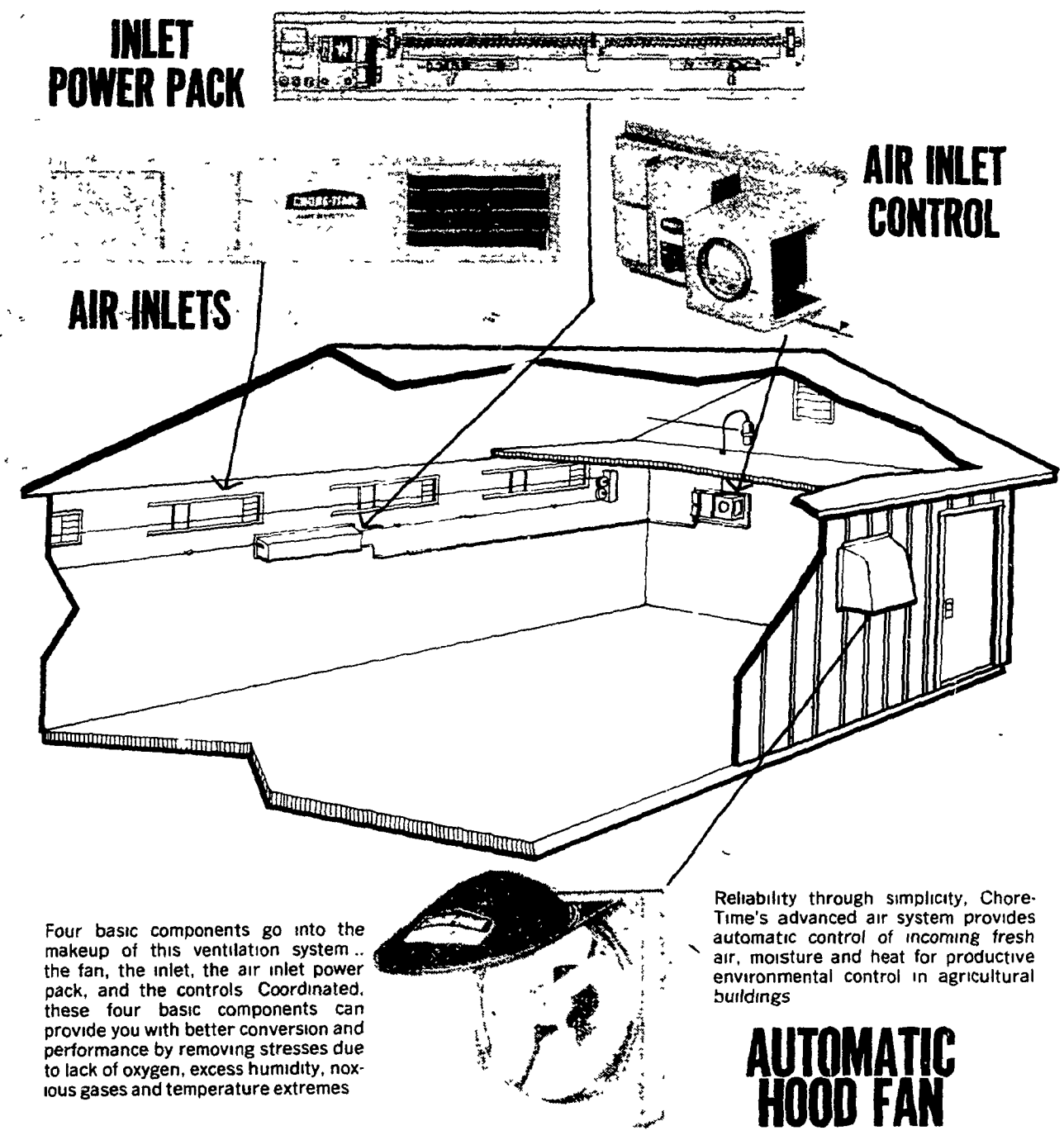

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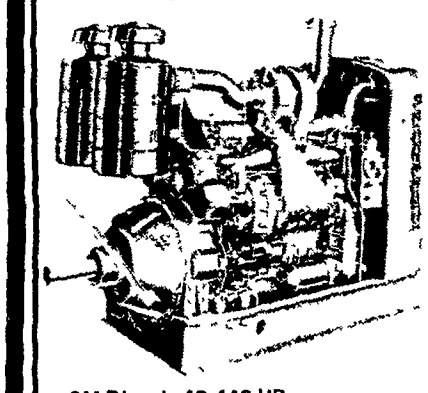

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Lancaster County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

MAY 1982

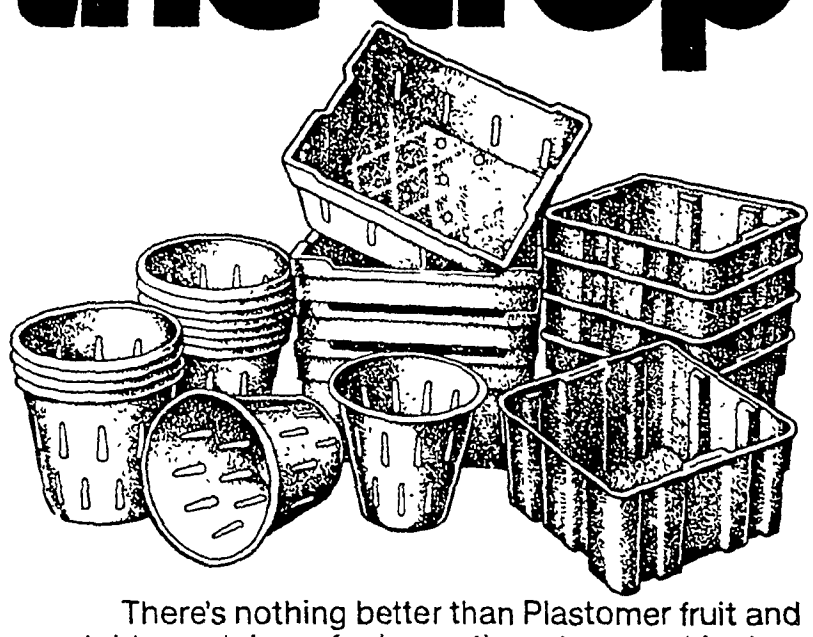
A Registered Holstein cow owned by Robert H. Kauffman, R.#1, Elizabethtown, completed the highest 305 day lactation. Francis produced 27,060 lbs of milk, 1,115 lbs. of butterfat with a 4.1% test. Second high lactation was completed by a Registered Holstein cow owned by Nelson H Wenger, R. #6, Manheim Flossie produced 21,745 lbs. of milk, 1,013 lbs. of butterfat with a 4.7% test in 305 days.

FIRST 305 DAYS OF LACTATION WITH 700 OR MORE LBS. OF BUTTERFAT

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Robert H. Kauffman						
Francis	RH	6-5	305	27,060	4.1	1115
Babe	RH	4-0	305	19,657	3.9	775
Sparkie	RH	8-11	248	16,645	4.3	717
Nelson H. Wenger						
Flossie	RH	8-0	305	21,745	4.7	1013
Tara	RH	6-10	305	23,959	4.2	1003
Deidre	RH	4-4	305	20,472	4.3	881
Alberta						
Vanilla	RH	2-4	305	17,700	4.7	826
Beauty	RH	7-7	305	20,401	3.9	791
John P. Lapp						
Myma	RH	5-3	305	23,641	4.0	956
Allen Lee Stoltzfus						
Dew	RH	3-11	305	24,400	3.9	954
Kathy	RH	3-2	305	26,330	3.5	919
Fay	RH	5-0	305	20,413	4.5	909
Daisy	RH	8-3	305	25,365	3.4	857
Kay	RH	7-3	279	20,734	3.9	803
Kwik	RH	4-1	305	22,945	3.5	792
Paula	RH	7-6	305	20,030	3.6	716
Christian & Katie King						
87	GrH	4-6	305	25,532	3.7	946
110	RH	5-11	261	18,898	4.2	791
Vern-Lee Holsteins						
Suprena	RH	4-8	305	23,484	4.0	945
Lollie	RH	6-4	305	22,676	3.9	887
Luann	RH	8-2	305	23,668	3.5	834
Graywood Farms						
86	GrH	4-9	305	22,094	4.3	942
134	GrH	2-11	305	18,274	3.9	706
Nelson W Nolt						
37	RH	7-0	305	23,006	4.1	932
62	RH	3-11	305	20,787	3.6	755
94	RH	2-0	305	17,082	4.1	706
Carl L Martin						
Delinda	RH	8-2	305	23,078	4.0	930
Springarden Farm						
Jade	RH	3-7	305	23,650	3.9	914
Helen	RH	4-3	305	25,725	3.4	882
Sally	RH	6-6	305	18,411	4.5	829
Kristy	RH	2-4	305	22,037	3.7	822
Monica	RH	4-6	305	18,202	4.5	811
Plum	RH	3-7	305	21,036	3.8	808
Lil	RH	4-1	305	25,214	3.1	793
Alice	RH	12-9	293	19,969	3.9	779
Fern	RH	5-0	305	25,954	3.0	772
Rosebud	RH	4-7	252	19,074	3.8	729
Shellenberger Bros						
Valetta	RH	6-11	305	22,611	6.0	906
Dustina	RH	4-7	305	22,308	4.0	885
Paul V. Nissley						
Trudy	RH	5-0	305	27,654	3.3	901
Terri	RH	5-4	305	21,954	3.3	717
J. Mowery Frey Jr.						
AmyJule	RH	5-5	305	24,542	3.7	899
Marie	RH	4-3	305	22,053	3.7	810
Ginelle	RH	4-5	304	19,374	3.8	736
Leslie	RH	5-3	290	23,673	3.1	733
Kenneth D Myer						
Crissy	RH	4-10	305	21,405	4.1	887
Melissa	RH	6-0	305	16,606	4.3	714
Twin Oak Farms						
265	GrH	4-11	305	21,840	4.0	878
107	GrH	7-11	305	18,709	4.6	853
Nelson R. Habecker						
54	GrH	6-8	305	19,229	4.5	860
80	GrH	5-9	305	16,995	4.4	751
Nathan E Stoltzfus						
Denise	RH	3-6	305	25,469	3.3	851
Dawn	RH	3-6	305	19,393	3.7	725
Weaver Homstead Farm						
11	GrH	10-8	305	22,649	3.7	844
78	GrH	6-9	305	22,264	3.6	795
59	GrH	2-4	305	22,058	3.3	727
20			290	19,245	3.8	722
Marvin S. Nolt						
136	GrH	9-4	305	23,205	3.6	842
4	GrH	4-0	305	17,521	4.0	706
Raymond & Louise Witmer						
Goldrod	RG	4-5	305	17,654	4.8	841
Blondie	RG	6-6	305	13,949	5.2	724
Albert H. Mellinger						
Leah	GrH	6-10	305	20,817	4.0	840
Mim	GrH	5-8	305	20,096	3.9	774
Beatrice	RH	9-8	305	18,840	3.7	704
Raymond H. Good						
62	GrH	4-7	305	18,599	4.5	838
Lenewood Farm						
Judy	RH	3-3	305	21,550	3.9	837
Susan	RH	5-10	305	21,628	3.7	799
Earl R. Hursh						
Dody	RH	3-5	305	23,089	3.6	832
Singing Maple Farms						
29	RH	6-5	305	20,051	4.1	831
49	GrH	4-10	305	21,960	3.8	830
John H. Howard						
Bernice	RH	3-5	305	20,588	4.0	826
Isaac L. Fisher						
Pattie	GrH	4-5	305	19,678	4.2	826
Alvin M Martin						
16	GrH	4-9	290	19,809	4.1	821
2	GrH	4-2	305	19,929	3.9	778
Malinda	RH	4-6	305	18,117	4.1	734
Melvin H. Ranck						
M. Boot	RH	2-11	305	17,096	4.8	821
Levi E. Stoltzfus						
Violet	GrH	7-7	305	25,427	3.2	820
Donald B Miller						
Linda	GrH	4-8	305	21,388	3.8	818
Andrew G. Miller						
Keen	RH	9-9	305	17,956	4.6	818
Alice	RH	4-4	305	19,448	3.8	731
John Ivan Stoltzfus						
Ma	RH	7-3	305	20,670	4.0	817
Riehlee Farm						
Fredda	RH	6-5	305	20,456	4.0	817
19	RH	9-3	305	19,140	3.7	710
John E. Glick						
Sharon	GrH	4-5	305	21,032	3.9	815
Ferncrest Farm						
238	RH	8-7	305	17,875	4.5	812
John Omar Stoltzfus Jr.						
Janet	RH	4-3	305	21,459	3.8	811
G. & J. Hershey Bros.						
Lillie	GrH	7-3	305	19,389	4.2	811
Robert Kauffman Jr.						
Salome	RH	6-4	300	18,779	4.3	811
Jane	RH	3-10	294	20,648	3.9	796
Eva	RH	5-2	297	21,249	3.7	789
Jem	RH	4-0	301	21,654	3.6	788
C. Dot	RH	5-3	293	21,862	3.6	781
Doreen	RH	4-4	305	21,825	3.5	762
Romella Farms						
Moon 2	RG	6-5	305	17,146	4.7	810
Clyde W. Martin						
Connie 2	RH	7-1	305	25,729	3.1	809
Thelma	RH	3-5	305	21,225	3.5	747
J. Wilmer Conrad						
Bridget	RH	4-8	305	22,506	3.6	808
Cookie	RH	3-5	297	18,875	3.8	713
Harold K. Witmer						
Queen	RH	6-4	305	21,820	3.7	808
J. Robert Kindig						
Roberta	RH	3-7	305	18,008	4.5	808
J. Harold Fritz						
569	GrH	8-5	305	22,690	3.5	805
108	GrH	3-1	304	20,570	3.8	778
45	GrH	4-10	305	16,803	4.3	730
21	GrH	7-3	305	21,635	3.3	713
Jay E. Landis						
Loyal	RH	7-8	305	21,224	3.8	805
Peggy	RH	7-9	305	18,578	4.0	736
Hiram S. Aungst						
Rainy	RH	5-9	305	21,695	3.7	804
Tillie	RH	4-4	305	20,909	3.8	789
John B. Stoltzfus						
83	GrH	4-2	305	19,404	4.1	804
Samuel M. Martin Jr.						
Snoopy	GrH	5-1	305	19,171	4.2	804
Tilly	GrH	4-0	305	17,787	4.3	765
30	GrH	2-2	305	19,707	3.6	708
Harlan W. Hoover						
26	GrH	5-6	305	20,842	3.8	801
12	GrH	4-4	305	21,559	3.7	791
29	GrH	5-6	305	21,439	3.5	749
William H. Douts						
39	GrH	5-2	305	19,028	4.2	801

(Turn to Page B32)

Pick of the crop



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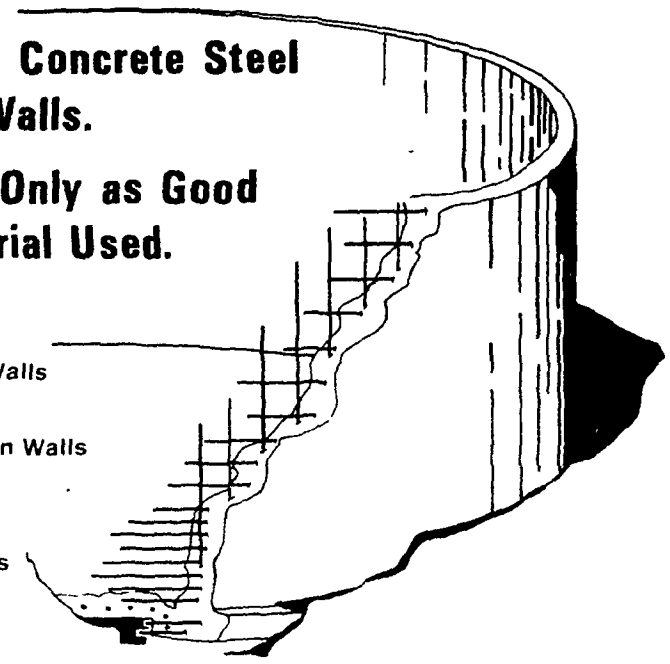

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Dairy Pipeline

By Glenn A. Shirk
Extension Dairy Agent

The summer slump

Summer is officially here. So are many of those problems which accompany summer: depressed appetites and fat tests, lower production, poorer conception, mastitis, flies and foot problems.

I don't have any easy, magical solutions to all of these problems, but here are a few thoughts to consider. Perhaps they may help alleviate some of the problems.

Shade and water

What's more inviting on a hot humid summer day than a breezy, shady location and a fresh cool drink?! Cows enjoy these comforts too, and may reward you well if you provide them with these little niceties.

Water is your cheapest "feed;" don't be stingy with it. Cows need lots of it to make milk. To encourage intake, keep water clean, fresh and convenient — near to the hay rack and shady rest areas.

A few trees or artificial shades in a breezy location can be inviting places for cows on pasture. If possible, they should be located near hay racks and water.

Cows won't do much grazing during the heat of the day. Rather than having them trample the pasture to death, a better solution might be to keep your cows indoors during the heat of the day and turn them out at night to graze. As pastures become shorter, be sure to feed additional forages or grain. The barn will provide them some relief from biting flies and ready access to water.

The barn needs to be well ventilated. That means opening the sides and peaks of pole barns plus using fans to circulate the air and create a cooling breeze effect. In tie stall barns, use exhaust fans plus circulating fans. Don't forget to ventilate the holding area, too. Also, to reduce cow discomfort try to avoid excessive crowding and holding cows for long periods of time in the holding area.

Good ventilation will help keep barns drier and the cows more dispersed. Alleys will probably be less slippery. Because of cooler conditions and surer footing, cows may become more active and exhibit stronger heat symptoms.

Remember too, cows are most active between 6 p.m. and 6 a.m. Chances are, you'll catch more cows in heat by observing them in *the evening hours and first thing in* the morning. Also consider grooving concrete alleys. The drier conditions and a more-dispersed herd will also help prevent mastitis.

On hot days, cows lose their appetites for forages, and fat tests can drop. Because forages are harder to digest than grain, cows generate more body heat when on a high forage ration. That's fine in winter, but it adds to their discomfort in summer. Thus, our challenge is to get enough forage into cows on hot days. Keeping them as cool and comfortable as is reasonably possible may help. Also consider feeding more frequently, blending the ration and using buffers.

Keep the feeds and feeding areas inviting to cows. Keep the feeders, the mangers and the waterers clean. On hot days, feeds can sour rapidly, and curb cows' appetites. Keep feeds fresh. Don't let them in the bunk for long periods of time. Offer cows no more feed than what they will clean up, and feed more frequently.

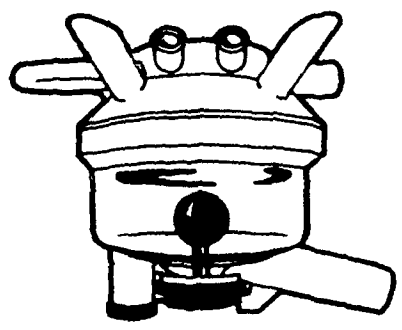
Foot problems and mastitis

We've had an unusually wet spring. Pastures and lots have developed wet spots — harboring places for organisms causing foot

(Turn to Page B33)

Dairy Automation

Super Flo-Vu™ Claw DE LAVAL



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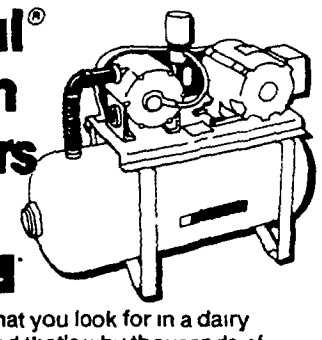
- Heavy duty stainless steel construction

Check with us for full information on the Super Flo-Vu Claw and other fine De Laval dairying equipment.

De Laval® Vacuum Suppliers



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- Series 78 — available in 5, 7.5 & 10 HP models
- Series 84 and 86 — the newest De Laval vacuum suppliers Available in 10, 15, and 20 HP models
- Series 76, 78, 84 and 86 feature "oil mist" lubrication which dispenses oil drop-by-drop in exact amount supplier needs May be equipped with our Lubriclaim™ Oil Reclaiming System.
- "Water Ring" series — technically advanced system available in 10, 15, 25 and 40 HP models. Rotating shaft is only moving part Extra quiet operation.

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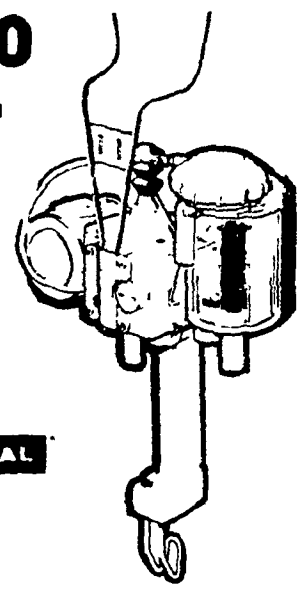
DV-300 Milker



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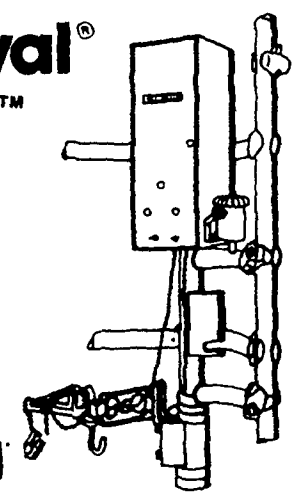
De Laval® A.R.M.™ Unit



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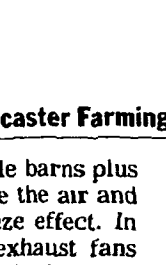

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Lancaster Co. DHIA

(Continued from Page B30)

Samuel F Long						
Patty	RH	7 0	305	20 702	3 9	800
Ray P Bollinger						
Janie	RH	7 9	305	18 655	4 3	800
Thomas A Denlinger						
Lacey	RH	4 8	305	22,794	3 5	797
Robert L Shelly						
Blossom	RH	3-5	305	19,914	4 0	796
Boots	RH	5 3	305	17,155	4 2	712
J Ray Ranck						
Sandy	GrH	5 2	305	19,810	4 0	795
Wilmer R Martin						
Arvilda	RH	7 6	305	19,704	4 0	795
Amos E King Jr						
Edith	RH	7 0	303	21,092	3 8	794
Richard B Hess						
66	GrH	9-9	305	25,234	3 1	791
Curtis E Akers						
Joy	RH	7-7	305	21,478	3 7	791
Kenneth B Garber						
Delpha	RG	4-4	305	17,267	4 5	785
Lori	RG	4-0	305	17,371	4 4	761
Kim	RG	7-2	305	14,983	4 9	732
Glenn R Binkley						
228	RH	6-9	305	19,035	4 1	782
162	GrH	5-8	305	20,224	3 8	773
135	RH	7 6	298	18,594	3 8	709
Long Acres Farm						
87	GrH	6 3	305	18,592	4 2	782
Bennie L Fisher						
Greta	RH	5-7	305	20,543	3 8	781
J C. Pownall						
99	GrH	6-9	305	21,344	3 7	780
Paul B Zimmerman						
Revlon	RH	3-7	305	15,436	5 0	779
Herzogi	RH	4-3	305	17,567	4.0	702
Samuel E Beiler						
Jean	RH	4-10	305	19,736	3 9	778
Vicki	RH	4-2	305	20,981	3 5	743
Robert H. Rohrer & Sons						
265	RH	3-10	305	19,622	4 0	776
25	GrH	5-8	305	19,109	3.9	747
Earl N. Landis						
Belinda	GrH	8-9	300	21,544	3 6	775
Glenn C Hershey						
Sadie	RH	3-4	305	22,671	3.4	773
Benuel Z Lapp						
Peggy	RH		265	21,958	3 5	771
Marie	RH	4-10	305	23,653	3 3	770
Mima	RH	5-7	305	21,676	3 5	757
Brenda	RH	4-10	305	22,027	3 2	704
John M Harnish						
Andrea	RH	3-8	305	19,585	3 9	771
Agnes	RH	4-6	301	19,800	3 8	762
Maude	RH	5-7	305	21,001	3 6	759
Rachel	RH	4 8	305	20,576	3 5	721
Lola	RH	2-1	305	18,300	3.9	721
Ivan S Stoltzfus						
Faith	RH	4-0	305	21,623	3 6	770
Glenn E Burkholder						
Tina	RH	3-1	305	19,066	4 0	768
Wanda	RH	2-11	305	21,268	3 4	726
Welsh Vista Farms						
Amy	RH	4-1	305	21,206	2 6	765
Spring Lawn Farm						
5	RH	3-4	305	18,276	4 2	763
51	RH	5-8	305	16,226	4 3	701
Dan S Stoltzfus						
Peach 76	RH	4 7	303	21,217	3 6	762
Christian Zook						
PAM	RH	4-9	305	19,944	3 8	762
Cheery	RH	4 9	305	19,273	3 7	713
Robert E Kulp						
67	RH	4-8	305	18,525	4 1	762
Marvin K Witmer						
Brenda	RH	5 7	305	20,464	3 7	761
C Nevin Hershey						
Sylvia	RH	3 2	305	19,771	3 8	761
Eli H Weiler						
Maid	RH	6 6	305	22,290	3 4	760
David E DeLong						
Kimberly	RH	6 6	305	19,816	3 8	760
Elam Petersheim						
Cookie	RH	4 7	305	16,865	4 5	760
E R & R E Denlinger						
Frisky	RH	4 6	305	19,808	3 8	757
P Robert Wenger						
Betty	RH	7 1	305	21,120	3 6	756
Roy H & Ruth H Book						
Judy	RH	10 5	305	17,182	4 4	755
Gloria	RH	4-1	305	18,075	4 0	718
David L King						
Lizzie	RH	5-4	305	17,598	4 3	754
C Kenneth Young						
92	RH	6 9	305	16,996	4 4	754
Noah K Beiler						
Myrtle	RH	9-3	305	18,561	4 1	752
Elmer M High						
51	GrH	3 10	296	18,197	4 1	752
Pequea Heights Farm						
Gigi	RH	5 3	305	18,698	4 0	751
Minnie	GrH	6-2	305	19,351	3 8	732
Donald R Bare						
62	RH	3-2	305	20,038	3 7	750
69	RH	4-4	305	19,797	3 8	744
Lester J Wiker						
Wendy	GrH	3-7	305	19,478	3 9	750
Jane	GrH	3-9	305	20,151	3 5	704
David S Zimmerman						
1	GrH	4-11	305	19,942	3 8	748
G M. Weaver						
Daisy	GrH	2-11	305	23,079	3 2	747
Alepha Farms						
Birdie	GrH	6-7	305	20,833	3 6	747
Cedar Fringed Farm						
Leona	RG	6-1	305	13,771	5 4	747
Vernon R. Umble & Son						
Helen	RH	4-4	289	19,842	3 8	746
Levern	RH	4-9	305	20,623	3 6	745
Robert N Brandt						
12	GrH	5-1	288	17,228	4 3	746
Earl R. Martin						
49	GrH	5-8	305	21,642	3 4	745
Ephraim D. Riehl Jr						
Gladys	RH	4-4	305	20,655	3 6	744
Harry Zimmerman Jr.						
Barbie	RH	4-0	305	18,079	4 1	743
Pequea Meadows Farm						
138 Pepr	RH	3-10	305	23,077	3.2	739
Christian G. Becker						
183	GrH	5-3	305	17,267	4 3	739
Bushong Bros						
Robin	RH	6-10	305	19,896	3.7	738
Mona	GrH	4-6	305	20,413	3 6	727
Margret	GrH	3-3	305	18,394	3.9	713
J. Floyd Kreider						
15	RH	7-4	305	18,083	4.1	738
71	RH	4-5	305	21,040	3.5	731
Gerald Martin						
Charlen	RH	9-3	305	17,720	4 2	738
C. Victor Groff						
2	GrH	5-6	305	20,109	3 7	737
Albert E Fry						
smile	RH	4-2	305	16,753	4 4	737
Dan L Stoltzfus						
Jann	RH	4-3	295	14,386	5 1	736
Delmar H Wenger						
Ann	RH	5-9	305	22,501	3 3	735
Christian E Riehl						
Fern	RH	3-8	305	20,216	3.6	734
Raymond M. Weaver						
59	GrH	4 8	300	19,664	3.7	734
Earl & Steven Nett						
Ellen	RH	5-5	305	20,053	3 7	732
Lil	RH	7-5	305	18,263	4 0	727
Abraham Shelly Jr.						
Bessy	RH	6-9	305	20,272	3 6	731
Sunny Craft Farm						
Elm	RH	3-11	305	20,113	3 6	731
Mervin L Stoltzfus						
57	GrH	4-2	305	21,578	3 4	729
David Ray Stoltzfus						
69	GrH	3 2	305	18,249	4 0	728
J Robert Metzler & Son						
Ivy	RH	7 3	305	18,035	4 0	727
Glenn F Shenk						
Jamie	GrH	3 3	305	22,325	3 3	726
J Carl Zander						
Kristin	RH	4-11	305	19,690	3 7	726
Omar S Kauffman						
Pearl	RH	5-3	301	17,990	4 0	726
Spring Belle Farm						
Promise	RH	7 6	301	19,763	3.7	725
Ammon E Reiff						
Fury	RH	2-10	305	20,276	3 6	724
Sparkle	RH	3-5	305	18,128	4 0	717
Amos W Breneman						
Juliet	RH	6 11	305	19,088	3 8	722
Abram M. Stoltzfus						
Charm	GrH	4-6	305	20,777	3 5	721
Running Springs Farm						
Sunny	RH	5-0	284	19,317	3 7	721
Aaron B Lantz						
Sheila	RH	4-5	305	18,908	3 8	721
Elam B. Rutt						
Heather	RH	4-10	305	17,653	4 1	721
Donald M Eckman						
161	GrH	9-2	305	21,262	3 4	720
Rockman	RH	8-7	305	16,185	4.4	715
Harry L. Tropp						
Alison	RH	5-8	305	20,730	3.5	720
Amos B. Lantz						
C. Raye	RH	5-8	305	16,904	4.3	720
Brenda	RH	4-8	305	19,133	3.7	702
Jonas E Stoltzfus						
Sally 25	GrH	3-11	305	22,968	3.1	719
Melvin S. Stoltzfus						
46 Daisy	GrH	4-8	305	20,608	3.5	719
J Wade Groff						
Dipi	RH	5-0	305	17,473	4.1	718
John W Martin Jr.						
13	GrH	11-8	305	18,021	4.0	717
Luke Ray Zimmerman						
34	GrH	6-10	305	19,102	3.7	715
Harry H. Ranck Jr.						
Fay	RH	3-0	305	19,077	3.7	715
Tom & John Harnish						
Babe	GrH	5-4	305	20,479	3.5	713
Ira D. Welk & Sons						
Lavina	RH	6-10	305	19,046	3.7	713
Delmar & Susan Weaver						
Bea	RH	6-9	305	19,011	3.8	713
J.E. & Shirley Hershey						
Genny	RH	4-6	305	17,215	4 1	713
Jonas B. King						
Lady	RH	4-5	305	15,559	4.6	713
Wilmer L. Shertzer						
3	GrH	5-8	305	22,989	3.1	712
Martin E. Ressler						
Maggie	RH	4-9	305	18,538	3.8	712
Joseph C. Wivell						
Mim	RH	5-0	279	18,414	3.9	712
Penn Har Va Farms						
109	GrH	5-8	305	21,591	3.3	711
Lee Nome Farm						
Jane	RH	6-2	283	18,472	3.8	710
Ammon B. Lantz						
Doris	RH	6-0	305	17,908	4.0	710
David D. Zimmerman						
Pet	RH	6-4	305	14,928	4.7	709
Joseph W. Best & Sons						
104	GrH	4-10	305	18,314	3.9	708
23	GrH	5-0	305	18,178	3.9	700
Mervin Sauder						
Chris	GrH		305	18,815	3.8	707
Kreider's & Nickle						
44	RH	4-6	305	18,446	3.8	707
Clifford G. Martin						
Gloria	GrH	4-10	305	17,575	4.0	706
Swaying Maple Farm						
Alice	RH	3-0	305	16,328	4.3	706
Melvin R. Eby						
Sissy	RH	3-9	305	20,861	3.4	704
Red Knob Farm						
100	GrH	3-4	301	16,806	4 2	704
98	GrH	3 5	305	18,121	3.9	702
Clair M. Hollinger						
Lisa 3	RH	3-5	305	21,087	3.3	703
Kreider Dairy Farm						
168	GrH	4-1	305	19,231	3 7	702
H H Haverstick						
Linda	RH	10-6	305	18,684	3.8	702
Robert Martin						
46	GrH	5-5	298	19,075	3.7	701
Earl E Martin						
Tan	RH	3-5	305	17,995	3.9	701

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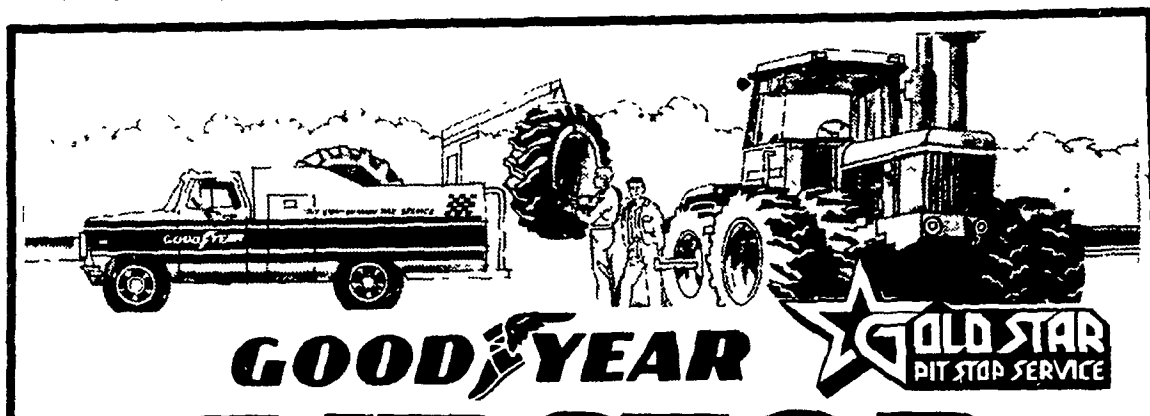

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GOODYEAR

Dairy Pipeline

(Continued from Page B31)

rot and mastitis. Some lots may need to be regraded to improve drainage. Cows may need to be fenced away from wet spots and bodies of stagnant water to protect them from these organisms. When they are hot, cattle frequently enjoy washing belly-deep in water. Allowing them to do this can predispose them to mastitis.

As mentioned recently in a previous article, use a sanitizer in the udder wash solution, use individual towels, dry the udder before applying the milker unit, teat dip (use a sealant if coliform mastitis is a problem) segregate and milk dry cows last if possible, dry treat, cull problem cows, and don't use sawdust for bedding.

If shaded areas and feeding areas, where cows congregate, get muddy, consider using portable shades and feeders; they can be towed to drier locations.

The risk of foot problems can be reduced by foot trimming, by ridding the pastures and lots of debris and protruding stones, and by drying up or protecting cows from wet areas. Scraping alleys frequently and good sanitation in high cow density areas will also help.

Footbaths may also provide some protection from foot rot organisms. A solution of 5 percent copper sulfate or a solution of 2-5 percent formalin may be used. The solution should be 4 inches deep, should be kept clean and should be in an area where cows walk through it several times a day, such as cow exit lanes. A dry bath using one part copper sulfate to 9 parts hydrated lime is another alternative.

If foot rot is a herd problem feeding EDDI for a short period of 2-4 weeks may be beneficial. Consult your feedman and veterinarian for advice. Iodine compounds such as these must be fed with care to avoid iodine toxicity to the animal and to prevent iodine residues in milk; it may be necessary to switch away from iodine sanitizers and teat dips while feeding iodine. Do not rely upon iodine as the only method for combatting foot rot.

Foot problems can also be nutrition related. Many cattle are foundered by feeding excessive amounts of grain and energy. This is a type of injury a cow or heifer never gets over! Foot trimming provides some relief, but its a problem the cow will have for life. Excess protein and acidic rations also predispose cattle to foot problems. So, don't neglect ration balancing.

Flies

Flies annoy cattle; they adversely affect production and can help spread mastitis, pink eye, and other diseases. A number of things can be done to help combat the fly problem.

Keeping cows indoors helps provide cows some relief from biting flies. Indoors, the use of residual and fogging sprays and fly baits will give additional control. Livestock sprays and insecticide-treated ear tags protect cows in or out of the barn. The feeding of larvacides helps kill fly larvae in the manure. Manure stacks can be sprayed periodically with malathion.

The best solution to the problem is to prevent build-up of fly populations early in the spring by practicing good sanitation and by using some of the control measures mentioned above BEFORE flies become a problem — before so many fly eggs have been laid.

Several things can be done go help prevent flies from breeding in manure. I mentioned spraying manure piles and the use of oral larvacides earlier. Keep in mind that flies cannot reproduce in wet or in dry areas; they need, and love, moist filthy conditions such as manure stacks and bedded packs. Liquid pits and storages with undisturbed crusts are not fly breeding situations.

Wet can encourage the formation of a crust on the surface of manure pits by minimizing agitation and by bottom filling (using ram pumps, gravity flow pipes, etc.). The use of long straw encourages manure to form into a stack, thus creating a fly breeding situation. The use of minimal amounts of chopped bedding encourages manure piles to settle down into the liquids where fly larvae cannot develop.

Cleaning bedded packs, and scraping lots and alleys frequently and thoroughly will also help. Incorporating manure soon after it has been applied to the field will give added protection.

Follow pesticide precautions

UNIVERSITY PARK — Most serious poisoning accidents involving pesticides result from improper and careless handling during application, but a few basic precautions can significantly reduce the exposure hazard to applicators while mixing and applying pesticides, according to Dennis Murphy, Penn State Extension safety specialist.

Read the label. Know the dangers of the chemicals you are using, and know how to protect yourself.

Apply pesticides only when they are needed. Know your problem and then determine your needs.

Use proper protective clothing and equipment.

Fill the spray tank about half full, then add the pesticide. Do not spill or splash.

Always stand with your head well above the fill hole.

Carefully fill the tank with the amount needed. Do not place the hose in the solution. Avoid back-siphoning.

Do not eat, drink, or smoke when applying pesticides; you shouldn't even carry food or smoking material with you.

Carry fresh water, soap, and paper towels with you in a container that is protected from the pesticide.

Work in pairs when applying highly toxic pesticides.

Do not apply pesticides when the wind is blowing strong enough to create a drift hazard.

Use pesticides according to their label, and never for uses not listed on the label.

Never re-enter a recently sprayed field unless you are wearing proper protective clothing and equipment.

Observe re-entry intervals listed on the label.

When using highly toxic materials it is desirable to post the field with warning signs.

Pa. broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending June 26 were 2,442,000, according to the Pennsylvania Crop Reporting Service.

The placements were eight percent above the corresponding week a year ago and fractionally below the previous week. Average placements during the past nine weeks were one percent above a year ago.

Placements in the 19 key poultry producing states were 84,845,000, one percent above the previous week and two percent above the same week a year earlier. Average placements in the key states during the past nine weeks were fractionally above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending June 16 totaled 1,921,000, with an average liveweight of 4.10 pounds.

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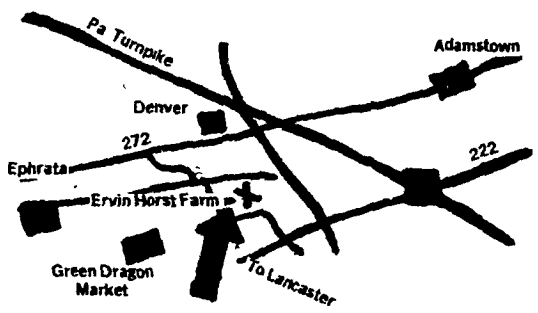

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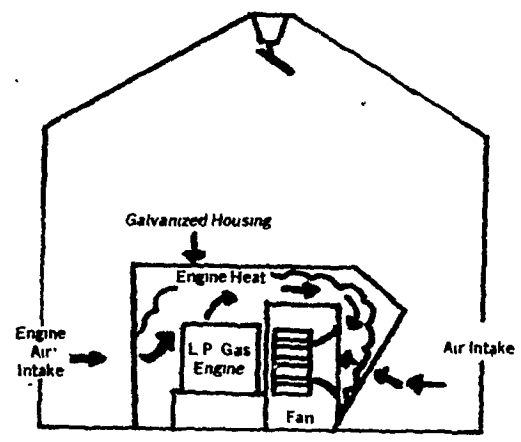

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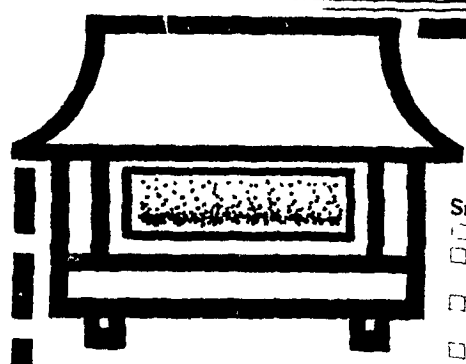

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WED., JULY 21
Placing of Exhibits - 1-9 P.M.
Demolition Derby - 7:00 P.M.
Music by Black Water- 8:00 P.M.
Pie Eating Contest

THURS., JULY 22
Placing of Baking Goods and Flowers 9:30 A.M. to 11:30 A.M.
Black and White Cattle Judging 10:00 A.M.
Tractor Pulling Contest 7:00 P.M.
Music by Joe Reichel's 8:00 P.M.

FRI., JULY 23
Youth Cattle Judging 10:00 A.M.
Steer & Sheep Entries 4:00 P.M.
Garden Tractor and Mini Rail Pulls 7:00 P.M.
Music by Willis Meyers 8:00 P.M.

SAT., JULY 24
Sheep Show Youth and Open 9:00 A.M.
Safe Tractor Driving Contest 10:00 A.M.
Steer Show 1:00 P.M.
Community Day For Fun Contest - 6:00 P.M.
Watermelon Eating Contest 7:30 P.M.
Tug-o-War - 7:30 P.M.
Music by Broadway Buckaroos 8:30 P.M.
Parkettes Gymnastics 8:00 & 9:30 P.M.

Adams County DHIA Monthly Report

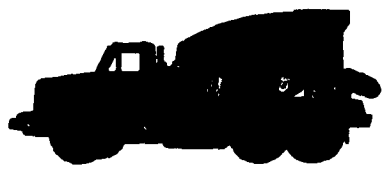
dhia — Pennsylvania Dairy Herd Improvement Association

June, 1982

OWNER	BRD	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Noel & Holmes	3	59.6	59 6	19,523	754
Weim Sharr Farms	3	60.1	87.3	20,175	743
King Ayr Farms	3	37.7	88.4	20,079	727
El Rho Farm	3	53.1	86.5	18,790	702
Brown Valley Farm	3	75.5	86.4	18,013	695
Leroy Deputy	B3	129 2	86.1	18,479	694
Stoner Bros Dairy	G3	70.8	88.1	18,685	692
William Myers	B3	37 0	86.1	19,272	687
Yellow-Buttercup Farm	3	121 6	89.0	17,337	679
Roy A Weaner Jr	3	55.2	89.1	17,610	670
M J. Starner & Sons	B3	116 6	90.3	16,463	661
Piney Lane Guernseys	2	57.2	88.3	12,556	658
Ray Cutterer	B3	61.2	88.2	16,798	656
Eugene Witter	B3	68.7	89.1	16,864	641
Buttonwood Farms	3	125 8	87.4	16,968	635
William C Mearns Jr	B3	90.0	87.0	17,016	628
Richard K Herr	B3	103 5	85.5	16,366	613
Penn Gate Farm	3	46 0	83.4	16,542	610
Wayne H Rodgers	B3	82 2	85.0	15,870	603
Way Brite Farms	B3	130 9	86.9	15,578	594
Robel Acres	3	99.7	87.1	16,521	591
Kraybill Miller	B3	47 4	86.3	15,784	590
Grn Manor Guernseys	8	24 4	84.9	12,416	588
George I Lauchman	B8	34 4	80.8	15,977	586
Getty Acres	B3	173 0	84.0	16,241	586
Claude Holmes Jr	3	42.2	81.2	15,398	586
Adam F Lobaugh	3	44.3	83.6	15,989	586
Donald Todt	B3	51 3	86 2	16,002	582
John J Hess	B3	111.5	86.5	15,022	576
Stone Manor Dairy	3	47 5	84.5	15,334	574
Zeppdale Farms	B3	111.0	87 1	15,491	574
James E. Miller	2	41 0	81.2	12,061	571
Lagging Stream Farm	B3	117 3	81.6	14,792	569
Robert & Linda Meyers	B3	71 8	87.5	15,560	561
Roger L Sprague	B3	55 0	85.2	14,717	558
Ber Crk	3	60 5	85.1	14,792	557
Oscar E Mehring	B3	35 9	88 3	14,906	553
Rinker Bros	G3	40 4	84.6	14,848	548
Grove Bros	B3	77.0	84.0	15,515	546
Leroy Basehoar	B3	65 9	86.9	14,344	544
Rhodes Enterprises	B3	96.8	83.9	14,413	535
Pleasant Acres	B3	55 3	86.6	13,390	535
Kevin S Holtzinger	B3	232 1	85.9	14,155	531
Kehr Acres	3	70 5	86.6	14,310	529
Wm Inskip	G3	67 5	88.7	13,832	520
M R & C S Durboraw	B3	55 7	88.0	14,006	519
J Howard Stiles	4	61.8	85.5	10,209	503
Richard Mills	G3	46.7	83.0	12,429	496
Robert L. Rohrbaugh	B3	66.4	85.3	14,297	492
Guy Tanger	3	33.2	84.0	13,617	487
Pennstead Farm	3	41.1	84.1	13,212	486
Shamrock Farm	B3	63.1	84.0	13,257	479
Terrence P Murren	B8	23.7	85.1	10,240	467
H & W Farms	B3	63.3	84.7	12,149	461
Glenn & Janet Lippy	B3	128.1	90.9	11,671	459
Frank Ludwig	B3	37.1	81.2	12,669	459
Bonnie-Bud Acres	4	33.7	86.7	8,764	415
James C Behney	G3	56.3	84.1	11,116	400

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Noel & Holmes						
Misty	3	5-5	305	26,608	3.6	949
Stoner Bros. Dairy						
Lilly	3	5-5	305	21,515	3.7	788
67	3	2-11	305	17,782	4.3	756
90	3	1-11	288	19,118	3.5	664
M R & C S. Durboraw						
11C	3	4-4	305	16,875	3.9	650
M J Starner & Sons						
199	3	4-11	304	19,883	3.5	696
14	3	2-8	305	19,663	3.5	687
36	3	2-6	305	16,742	4.0	677
Donald Todt						
10	3	5 5	248	20,336	3 9	788
Buttonwood Farms						
Crystal	3	8-8	305	21,874	3.4	751
Patty	3	5 5	305	15 742	4 3	673
Carmel	3	5-11	305	17,601	3 7	656
Randy	3	5-1	287	17,026	4 0	676
Ada	3	4-10	305	17,873	4.3	776
Arla	3	2-3	305	18,210	4 0	728
James E. Miller						
Mamie	2	5 7	305	15,869	5.1	806
Roy A. Weaner, Jr						
85	3	4-9	282	15,992	4.2	670
Lagging Stream Farm						
Satelit	3	3-6	305	19,002	3.6	686
Kehr Acres						
56	3	5-8	284	17,819	3.7	653
John J. Hess						
8	3	4-10	305	18,414	4 0	740
Ray Dutterer						
Pinky	3	10-1	305	18,934	4 2	804
Brenda	3	5-9	305	16,385	4.5	741
El Rho Farm						
Alice	3	2-8	305	17,498	4.0	707
Robert & Linda Meyers						
106	3	3-10	305	20,400	3.6	736
Yellow-Buttercup Farm						
27	3	6-6	305	16,942	3.9	668
66	3	3-6	305	18,409	4.0	742
6	3	3-5	305	17,600	4.6	818
William Myers						
Josey	3	11-10	305	21,589	3.5	749
DeeDee	3		305	21,389	3 6	780
Brenda	3	3-0	305	25,183	3.1	787
Weim Sharr Farms						
139	3	5-9	305	18,200	3.6	657
William C Mearns, Jr						
90	3	4-0	305	21,281	3.7	797
Way Brite Farms						
G53	3	5-9	305	16,504	4 1	677
22	3	4-5	305	16,940	4 0	675
G51	3	4-1	305	19,105	3.6	683
50	3	3-1	305	17,370	3 9	669
Leroy Deputy						
Joy	3	6-10	305	19,222	3.4	657
Sable	3	6-7	305	25,857	3 0	767
Kaye	3	3-10	305	17,426	4.0	703
KMarie	3	3-6	305	14,401	4.6	665
Claude Holmes, Jr						
Twinkle	3	4-6	305	18,663	4.0	740
Rinker Bros.						
Stacey	3	3-10	305	16,666	4.0	656
Getty Acres						
174	8	5-6	290	21,990	3.4	752
183	3	5-5	305	16,371	4.0	650
Zeppdale Farms						
34	3	6-7	305	22,048	3.8	833

(Turn to Page B35)



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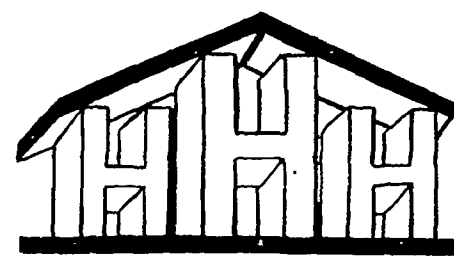

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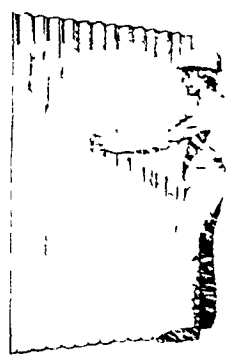

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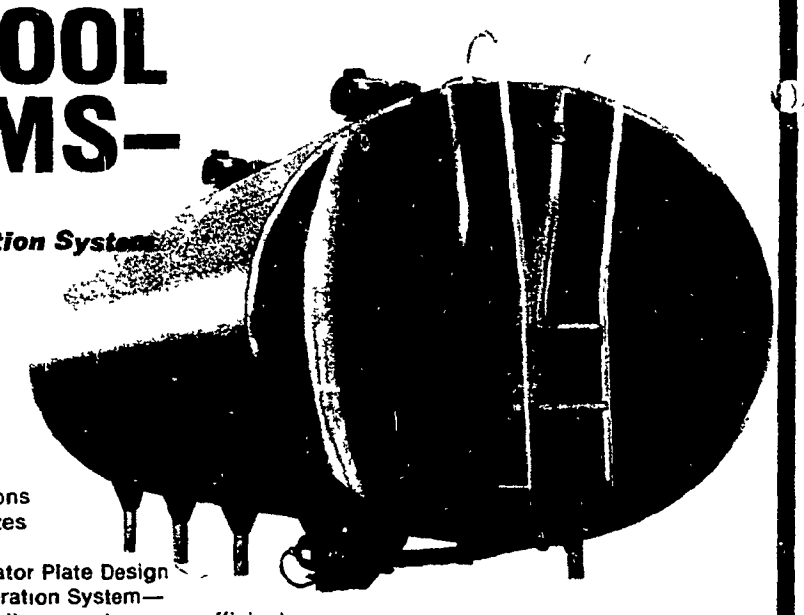

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Lebanon County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May 1982

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Raymon & Marlin Getz	3	52.5	83.5	20,056	750
Bennetch Bros.	3	71.8	85.8	19,449	717
Willow Maple Farm	3	43.7	91.5	20,335	715
Dale Hostetter & Sons	3	89.2	86.1	18,378	714
Marvin K. Meyer & Sons	B3	93.2	89.7	18,482	712
Ray E. Nolt	B3	48.6	83.4	18,528	694
Gary Lentz	B3	46.0	87.6	18,730	690
Hubert S. Miller	3	53.8	86.7	16,792	684
Ronald Kelchner	B3	58.9	87.1	18,819	683
Vincent A. Wagner	3	43.2	85.4	18,649	682
Arnold Acres	3	101.7	89.0	18,579	682
David Brandt	3	66.1	88.6	17,920	680
Gary Mase	G3	31 5	84.0	18,405	676
Kirby L. Horst	3	41.3	84.0	17,813	675
Mervin W. Horst	B3	41.4	88.3	18,229	674
Eugene R. Houser	3	28.2	86.8	17,401	669
Kenneth Mase	B3	83.8	86.9	17,661	668
Enos N. Leinbach	3	32 6	90.8	17,868	665
Roy H. Weaver	B3	60.5	86.6	17,842	663
Conewago View Farms	B3	72.1	85.1	17,210	653
Irvin Z. Brubaker	B3	42.5	87.2	18,590	651
Kenneth I. Sellers	3	44.2	84.6	16,879	650
Hershey Bare	3	87.6	87.6	17,154	649
Richard & Ronald Shirk	3	75.2	88.0	17,604	648
Fernhost Farm	3	79.1	86.3	18,550	646
Marlin M. High	B3	35.2	84 6	18,172	645
Hoover Farms	3	83 2	86 0	17,478	644
Gideon A. Fisher Jr.	G3	34 8	85.2	18,659	642
Ernest Wagner	3	37.2	87 0	17,130	640
Ferndale Farms	3	82 6	82 9	17,938	640
Sonnen Acres	B3	112.3	82 4	16,625	639
Gary Lee Mase	5	17.5	86 0	15,295	638
Robert Martin	B3	47.0	88 0	17,176	638
Walter R. Martin	B3	43.0	84.9	18,298	637
Robert B. Smith	2	75.8	86.2	13,147	637
Fort Zeller Farm	B3	46.1	83.7	16,827	637
Philhaven Farm	3	93.6	88.9	17,313	636
San Bo Holsteins	B3	68.7	88.3	17,408	635
Donald G. Hoffer	B3	45.9	86.0	16,991	635
Lloyd Burkholder Jr.	B3	48.2	87.6	17,592	635
Phares Z. Musser	3	79.0	86.5	16,189	634
David E. Zimmerman	B3	49.0	85.5	18,798	633
Reuben O. Martin	B3	66.2	84.0	17,233	632
Melvin Krall	B3	74.1	90.0	16,910	629
Lloyd S. Newswanger	B3	72.4	86.6	17,391	626
Galen Bollinger	B3	132.4	89.9	17,075	624
Ernest P. Detweiler	B3	52.8	83.7	18,053	624
Leon M. Burkholder	B3	41.4	89.4	17,070	623
Norman Kline	3	72.1	83.6	17,044	617
John Burkholder	B3	52.7	87.0	17,390	616
Harvey T. Bomgardner	3	99.2	85.4	16,380	615
Mark Copenhaver	B3	64.7	88.8	16,269	615
Mark C. Patches	B3	87.0	86.8	15,534	614
Wernerway Farms	B3	121.8	87.0	16,997	613
Daniel B. Shirk	3	41.2	86.8	16,785	612
Arthur R. Krall & Son	3	64.2	83.4	16,392	611
Hoover Farms No 2	B3	46.8	85.9	16,898	611
Walter K. Heisey	B3	56.2	87.2	16,767	609
Marlin D. Heisey	B3	36 0	83.1	16,889	608
Hollow Pride Farm	B3	39.1	87 6	16,434	605
G.& E.Ungemach	B3	76.3	87.7	16,217	599
Lentzdale Farms	B3	66.6	86.8	16,356	598
Alvin & Marian Martin	B3	43 3	87.0	17,293	597
Wilmer S. Reiff	B3	60 0	84.3	16,264	597
M.H. Bomberger & Son	B3	77.1	86.9	15,953	595
S Mt Echo Dairy Farm	B3	119.8	88.8	16,305	595
Bucher Brothers	B3	41.5	82.9	16,552	594
Eugene Martin	B3	94.1	86.3	16,064	592
Jesse L. Weaver	B3	50.7	84.8	16,448	590
Leon H. Kline	3	83 1	86.8	16,505	588
Dennis Wampler	B3	98.8	87.6	16,755	587
Moses O. Martin	B3	71.0	87.6	17,380	586
Ray R. Sattazahn	B3	100.3	84 5	16,016	585
Elvin Martin	B3	52.1	83.1	16,365	583
Isaac E. Zimmerman	3	23.2	84.4	14,474	575
Twin-Maple Farm	B3	40.5	82.6	16,189	574
Ezra H. Martin	B3	52.0	84.2	16,338	573
David Eugene Reiff	3	44.7	85.9	17,290	572
Neal Eshleman	G3	39.0	83.8	16,548	570
M. Luther Bennetch	G3	69.9	84.0	14,972	568
Raymond K. Martin	B3	48.1	83.5	15,730	568
J. Calvin Zimmerman	B3	108.6	81.7	14,970	566
Richard L. Heilinger	B8	35.5	83.3	15,115	564
Clyde E. Deck	G3	66.9	85.8	14,803	563
Melvin M. Nolt	B3	52.7	86.5	15,099	561
Richard Batz	3	28.2	90.1	15,490	561
Luke Wise	G3	38 5	87.1	16,010	557
Lester Martin	B3	59.0	89.4	14,701	554
Harold Myer	B3	326.0	87.4	14,266	552
Maurice M. Bennetch	3	138 3	84.8	14,787	551

Adams Co. DHIA

(Continued from Page B34)

57	3	9-4	305	18,966	3.5	665
83	3	7-9	305	19,290	3.7	722
50	3	4-7	305	23,364	3.2	754
Richard K. Herr						
57	3	9-3	250	15,780	4.2	662
73	3	8-4	305	18,966	3.6	679
31	3	7-2	305	19,798	3.5	695
54	3	6-11	305	18,682	3.8	704
51	3	5-8	305	17,035	4.2	713
72	3	4-8	305	24,199	3.4	826
127	3	3-7	277	15,978	4.2	667
Apache	3	2-11	205	16,472	4.0	656

April, 1982

Raymon & Marlin Getz	3	52.2	82 8	20,070	749
Bennetch Bros.	3	71.7	86 0	19,567	722
M. K. Meyer & Sons	B3	92 7	89 7	18,573	717
Dale Hostetter & Sons	3	88 8	85.9	18,397	715
Willow Maple Farm	3	43.6	91.2	20,140	704
Roy E. Nolt	B3	48 6	83.4	18,528	694
Gary Lentz	3	44 0	86.6	18,390	685
Hubert S. Miller	3	53 8	86.7	16,792	684
Arnold Acres	3	100 6	88.9	18,574	684
Vincent A. Wagner	3	43.2	85.4	18,649	682
Gary Mase	G3	32.0	84.1	18,490	681
Ronald Kelchner	B3	58 6	86.4	18,772	680
David Brandt	3	65.8	88 0	17,816	678
Kirby L. Horst	3	41.3	84.0	17,813	675
Mervin W. Horst	B3	41.2	88.1	18,083	671
Eugene R. Houser	3	28 2	86.5	17,543	670
Kenneth Mase	B3	82.7	87.3	17,756	669
Enos N. Leinbach	3	32.6	90.8	17,868	665
Kenneth I. Sellers	3	43.9	84.9	17,054	659
Gary Lee Mase	5	16.8	87.6	15,786	658
Roy H. Weaver	B3	60.7	86.4	17,718	658
Fernhost Farm	3	78.9	86.7	18,954	655
Irvin Z. Brubaker	B3	42.4	87.6	18,665	653
Richard & Ronald Shirk	3	75 2	88.5	17,688	653
Philhaven Farm	3	94 2	89 7	17,733	650
Conewago View Farms	B3	72.4	85 3	17,063	649
Marlin M. High	B3	35.2	84 6	18,172	645
Hoover Farms	3	83.0	85 8	17,420	642
Walter M. Martin	B3	42.9	84 8	18,361	641
Gideon A. Fisher Jr.	G3	34.6	85 0	18,563	640
Robert Martin	B3	46.4	88 3	17,185	640
Ferndale Farms	3	83.3	82 5	17,829	639
Hershey Bare	3	87.8	87 0	16,887	639
Donald G Hoffer	B3	46 4	86 6	17,030	639
Sonnen Acres	B3	111 5	82 8	16,632	638
Ernest Wagner	3	37.3	86 5	17,002	636
Fort Zeller Farm	B3	46 3	84 0	16,752	635
San Bo Holsteins	B3	68 7	88 3	17,408	635
Galen Bollinger	B3	131 0	90 4	17,217	634
David E Zimmerman	B3	49 0	85 5	18,798	633
Reuben O Martin	B3	66 2	84 0	17,232	632
Lloyd Burkholder Jr.	B3	48 8	87 7	17,377	630
Lloyd S. Newswanger	B3	72 4	83 5	17,436	630
Melvin Krall	B3	74 1	90 0	16,910	629
Robert B. Smith	2	76 2	85 7	13,014	629
Phares Z. Musser	3	78.5	86 3	16,045	628
Norman Kline	3	72.6	83.9	17,136	625
Leon M. Burkholder	B3	41.4	89 4	17,070	623
Ernest P. Detweiler	B3	52.9	84 4	18,032	621
Mark C. Patches	B3	86.8	86 9	15,626	619
Daniel B. Shirk	3	41.8	87.4	16,850	616
John Brubaker	B3	52 6	86.9	17,229	616
Hoover Farms No 2	B3	46 6	86.0	16,907	613
Wernerway Farms	B3	121 6	86.6	16,741	611
Mark Copenhaver	B3	64.6	89.0	16,053	610
Harvey T. Bomgardner	3	99.3	85.3	16,231	608
Arthur R. Krall & Son	3	64.7	83.0	16,310	607
Leon H. Kline	3	86 6	87.5	16,721	605
Walter K. Heisey	B3	55 9	87.5	16,717	605

(Turn to Page B36)

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The Dairy Business

By Newton Bair

Need a cash crop? Consider Alfalfa

First let us spray. Since it's obvious that I'm going to talk about alfalfa, lets get the leafhopper out of the way first. Yes, they are moving into southern Pennsylvania fast, and it looks like we should be getting ready to spray.

Any alfalfa fields with a regrowth of 4 inches to about 10 inches should be sprayed now. Don't bother spraying any first or second growth that will be harvested within two weeks — the hoppers probably won't hurt it as much as the sprayer would.

We have about 30 farmers in Lebanon County who own sweep nets and use them to monitor the leafhopper situation. It's a fine science, and one that all growers should learn.

Sweeping begins when the second crop is about 4 inches high. If we find an average of 4 hoppers or nymphs per 20 sweeps of the net on alfalfa less than 8 inches tall, it's time to spray. As the height of the alfalfa increases, the number of hoppers per sweep can also increase slightly before the critical point for spraying is reached.

Anytime you count ½ hopper per sweep of the net (10 per 20 sweeps) control is necessary in order to avoid serious damage to the crop. Spray with Cygon, malathion of methoxychlor.

Alfalfa versus corn

Just a word about those gully washing rains of the last few weeks. Take a good look at some of your fields and try to visualize how a few strips of hay might have helped to keep a lot of your valuable soil and fertilizer where it belongs.

Believe me, what you'll see is not the least of the reasons for growing more hay crops, including alfalfa. But the real reason you should consider is cash.

Yes, alfalfa deserves a close look as a cash crop. The most recent Farm Management report from Penn State is a comprehensive comparison of costs and returns from corn and alfalfa. When we look at the bottom line, the net return per acre for alfalfa is substantially higher than it is for corn.

Farm Management Specialist Bill Waters who compiled and evaluated the information on corn and alfalfa, remarks that in both crops the break-even yields are fairly high, and are climbing each year. In 1981 the break-even yield for corn was 98 bushels per acre, reflecting a price decline from 1980. The break-even yield for alfalfa was 3.9 tons per acre in 1981.

Since the break-even yields for both crops is somewhat higher than the average yields in Pennsylvania, it is quite evident that growers must shoot for higher yields. Whether you are growing corn or alfalfa, you have access to all the information necessary to produce above average yields. The Penn State Extension Service makes it available directly to growers, or through farm supply dealers and service suppliers. Just make sure that your source of information is reliable, and not based on testimonials supplied by slick salesmen.

Compare the profit potential of corn versus alfalfa as a cash crop. There is always a market for good hay, even when the corn market is glutted and depressed.

The production costs, cost per bushel and net returns for conventional corn tillage were compiled from 116 records gathered in the 1981 Five-Acre Pennsylvania Corn Club. Net return is based on a price of $2.62 per bushel.

The production cost, cost per ton, and net return at various yield levels for alfalfa were compiled from the 1981 Pennsylvania Alfalfa Growers program. The net return is based on $80 per ton of net yield.

Corn Net Returns Per Acre

Ave. Yield Bu/A	Production Cost/A	Cost Per Bushel	Net Return Per Acre
91 2	$220 09	$2 41	$ 18.79
110.4	225.57	2 04	64 83
128 9	239.56	1 86	98.23
148 5	261.25	1 76	127.75
167 9	266 92	1 59	173 10

Alfalfa Net Returns Per Acre

Ave. Yield Tons/A	Production Cost/A	Cost Per Net Ton	Net Return Per Acre
3 45	$259.85	$85.97	$ 15.64
4 63	242 34	59.84	81 71
5 39	252.65	54 35	124.46
6 59	292.05	49.84	181.30
7 38	285.36	42.73	251.46
8 24	312 78	42 77	277.86

Lebanon Co. DHIA

(Continued from Page B35)

G & E Ungemach	B3	76 0	88 0	16,278	604
Alvin & Marian Martin	B3	43 1	87 4	17,502	603
Marlin D. Heisey	B3	35 9	82 3	16,662	603
Hollow Pride Farm	B3	39 0	87 3	16,344	600
S Mt Echo Dairy Farm	B3	119 6	88 7	16,396	600
Moses O Martin	B3	70 6	88 6	17,671	598
Eugene Martin	B3	94 0	86 3	16,119	595
Wilmer S Reift	B3	60 1	84 1	16,179	594
Jesse L Weaver	B3	50 4	84 0	16,363	593
M Bomberger & Son	B3	77.3	87.2	15,827	592
Lentzdale Farms	B3	66.9	86.4	16,122	589
Bucher Brothers	B3	41 9	82.8	16,492	588
Dennis Wampler	B3	99 2	87.6	16,750	585
Elvin Martin	B3	52 1	83.1	16,365	583
Ray R. Sattazahn	B3	99.9	84 6	15,935	583
Twin-Maple Farm	B3	40 5	82.6	16,189	574
Ezra H. Martin	B3	52.0	84.2	16,338	573
Neal Eshleman	G3	39.0	83.8	16,548	570
David Eugene Reift	3	44 2	85.3	17,086	566
M. Luther Bennetch	G3	69.5	84.8	14,921	566
Richard L. Heilinger	B8	35.5	83.3	15,115	564
Richard Batz	3	28.1	90.0	15,429	564
J. Calvin Zimmerman	B3	109.3	81.5	14,981	564
Isaac E Zimmerman	3	23.0	83 5	14,247	563
Melvin M. Nolt	B3	52.8	87.2	15,148	559
Raymond K. Martin	B3	48.0	82.9	15,452	558
Luke Wise	G3	38.5	87.1	16,010	557
Clyde E. Deck	G3	66.9	85.6	14,663	557
Lester Martin	B3	58.7	89.2	14,567	552
Harold Myer	B3	324.1	87.3	14,336	552
David B Lehman	B3	45.5	84.5	15,569	551
Maurice M. Bennetch	3	138.3	84 8	14,787	551

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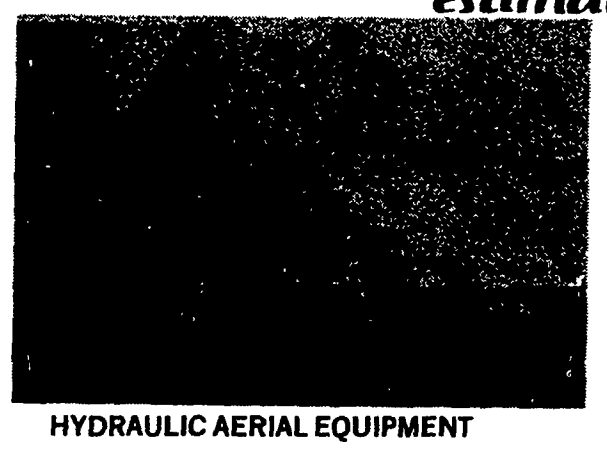

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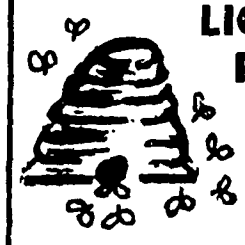

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Perry County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

May 1982

NAME	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ray E. McMillen	66.2	87.0	22,000	803
Kenneth R. Benner	61.4	88.7	19,524	764
Benjamin E. Dum	47.2	90.7	20,277	744
Milmay Farm	54.9	88.9	19,039	723
Milligan Bros.	65.3	89.3	19,189	716
Alfred Albright	94.9	86.5	19,377	715
Richard L. Maurer	48.9	86.5	17,897	704
Frank Rice	51.3	88.8	18,844	703
Robert & Bernice Gabel	41.4	88.7	18,510	703
Dean & Eric McMillen	40.8	85.5	18,656	703
Donald Dum	34.3	91.6	18,721	702
Ed. & Wilma McMillen	41.4	85.8	18,523	699
Max Reapsome	51.2	85.5	18,256	698
Carl E. McMillen	82.8	88.3	18,393	697
Wm. E. Martin & Sons	146.5	87.6	18,259	688
Dean Loy & Son	49.7	86.3	18,881	684
Dumbelle Farms	47.3	89.5	18,676	683
Richard G. Smith	53.6	86.7	18,617	677
Edwin L. Sheibley	62.8	82.6	19,404	677
Nevin G. Rice	82.3	89.1	18,082	676
David H. Weller	45.3	85.5	17,687	674
Philip E. Brubaker	51.6	87.3	17,882	663
Charles C Byers	27.4	96.2	18,044	663
Richard Kriebel	51.6	84.7	7,378	659
Oscar & Winnie Campbell	53.5	87.2	17,435	655
Fred & Nancy Neely	36.4	82.8	16,937	648
Dale Smoker	70.8	86.6	17,398	642
Delmar Brofee & Sons	117.2	85.1	17,577	639
John E. Book	38.3	88.1	17,592	639
James M. Palm	49.7	87.5	17,415	638
Eugene M. Nolt	45.3	85.9	17,675	633
Mt. Home Farms	93.7	88.0	16,588	628
John O'Toole & Sons	52.4	89.3	16,896	626
Harry R. Book, Jr.	43.6	89.0	16,925	622
Bratton View Farm	72.4	87.8	16,958	621
Dobbs Brothers	28.0	84.1	17,034	619
J.W. & C.L. Achenbach	42.9	94.4	17,113	615
M. W. Smith Farms	61.0	85.9	16,740	603
Lyons Brothers	58.2	90 4	16,242	602
Agrophilos, Inc	60 7	86 1	15,631	600

OWNER NAME OR NO.		AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Alfred Albright						
Duane	H	3-8	305	18,329	3.7	677
Lassie	H		305	19,421	3 9	753
Milmay Farm						
Nina	H	7-11	305	24,130	3 7	901
Karen	H	7-2	305	18,917	4 2	786
Jem	H	3-9	305	21,481	3.5	762
Carl E. McMillen						
Sputnik	H	6-2	305	18,180	3 6	661
Ray E. McMillen						
Arlie	H	6-7	305	23,605	3.8	888
Sun	H	5-10	305	22,365	3.4	768
Jenny	H	4-7	305	24,246	3.8	918
Jennifer	H	3-11	305	21,149	3.6	753
Jamie	H	3-2	305	23,796	3.3	786
Judith	H	2-7	287	18,217	4.1	756
Nevin G. Rice						
188	H	5-5	305	19,460	3.8	742
Max Reapsome						
Ellie	H	7-10	305	23,434	3.6	836
Clara	H	7-7	305	17,255	4.5	772
Nola	H	5-8	298	15,690	4.2	662
Commander	H	3-4	305	18,505	4.0	740
William E. Martin & Sons						
456	H	2-0	305	19,253	3.6	698
Mt. Home Farm						
378	H	4-8	303	18,938	3 9	733
Benjamin E. Dum						
Some	H	5-10	305	22,327	3.4	754
Dumbelle Farms						
Beauty	H	4-8	297	15,897	4 7	741
Polish	H	3-2	305	23,909	3.7	877
Milligan Bros.						
Kim	H	7-2	305	23,230	3 9	915
Esther	H	6-7	305	19,224	3 6	691
Sadie	H	6-8	305	20,623	3 8	786
Babe	H	6-6	292	21,749	4 3	937
Terri	H	3-11	305	19,703	3 7	730
Elsie	H	3-1	296	15,800	4 5	708
Bessie	H	3-4	305	16,392	4 9	801
Dean Loy & Son						
Edna	H	8-8	305	22,163	3 2	708
Rae	H	6-11	290	19,414	3.5	680
Duke	H	5-8	305	20,062	3 8	753
Ray L. Kling						
Lou	H	6-7	305	21,983	3.4	745
Richard L. Maurer						
Barb	H	5-6	305	20,466	3.8	778
Audrey	H	5-7	305	21,265	3.7	777
Jessie	H	3-6	305	19,788	4.3	850
John E. Book						
21	H	1-11	305	16,012	4.4	698
Delmar Brofee & Sons						
Prudence	H	4-9	305	23,140	3 4	784
434	H	3-1	305	20,645	3 1	650
Doll	H	2-11	305	21,291	3 5	739
Kenneth R. Benner						
Shell	H	3-1	305	18,932	4 0	750
Margold	H	3-2	305	20,670	3 5	730
John O'Toole & Sons						
Joan	H	3-9	305	17,599	3 8	674
Agrophilos Inc						
198	H	7-9	305	20,672	3 8	782
235	H	6-7	305	21,454	3 8	823
292	H	3-6	305	18,077	3.8	681
David H. Weller						
Marie	H	5-8	305	21,279	3 9	837
Ronald C. Fauth						
41	H	6-11	305	17,921	3 9	701
Richard Kriebel						
Alison	H	9-5	305	20,653	3 9	804
Earl E Krone						
Annete	H	8-9	305	20,870	3.4	714
Gay	H	7-10	305	20,122	3.3	662
30	H	6-9	305	16,364	4.3	702
31	H		305	16,101	4.2	671
Edward Horn						
39	H	5-10	305	20,843	3 7	764
Fred & Nancy Neely						
Hilda	H	7-8	305	18,233	4 3	783
Humble	H	7-9	265	15,452	4 3	670
Duane L. Hertzler						
Hazel	H	4-0	305	19,684	3 6	707
Ed & Wilma McMillen						
Dolly	H	4-7	305	22,312	3 7	834
Bonanza	H	4-9	294	15,926	4 2	665
Kay	H	4-5	305	19,712	3.6	707
Lad	H	4-1	305	20,445	3.6	729
Tiny	H	3-1	297	17,345	4.1	715
Quin	H	3-3	289	18,509	3 9	729
John L. King						
Ethel	H		305	22,669	3.6	811
Dale Smoker						
82	H	2-8	305	15,797	4 2	664
Ken & Tina Dishman						
Cookie	H	6-5	305	17,963	3 7	663
J.W. & C L Achenbach						
Val	H	7 5	305	20,317	3 8	779
Robert & Bernice Gabel						
Bunny	H	7-5	305	18,764	3.9	736
Ada	H	3-4	305	19,603	3.9	761
Wayne L. Stephens						
Kaye	H	6-0	305	18,932	3 5	668

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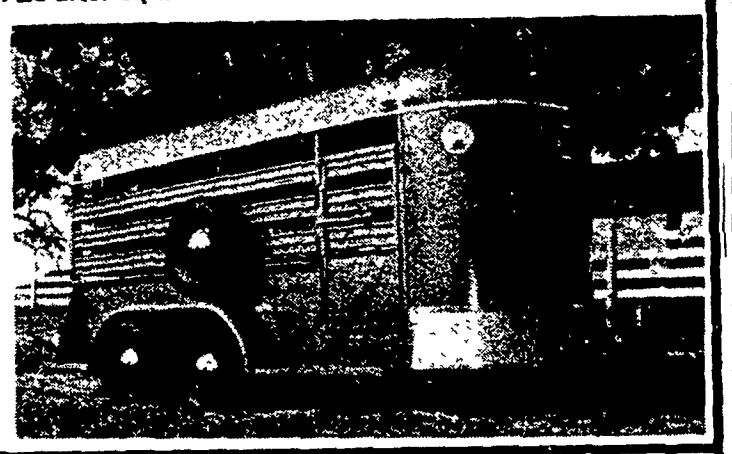

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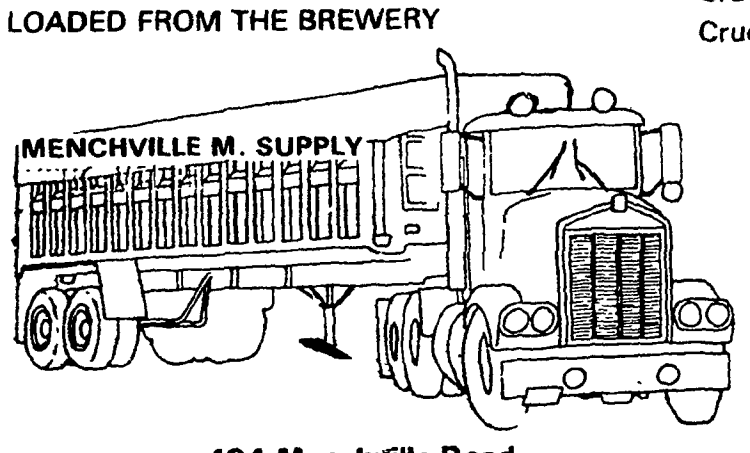

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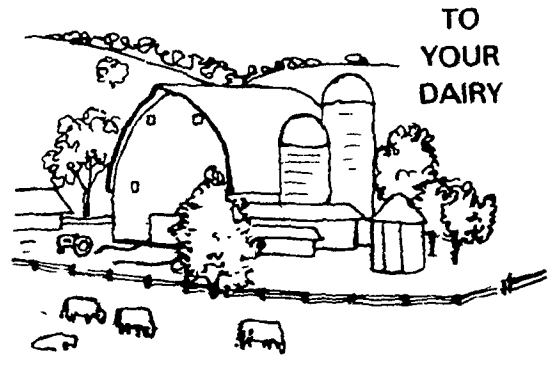

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MAILBOX MARKET

For Sale 20 Bush Hog rotary mower, folding wings exc cond $5000 00 814 848 9753

Wanted 12 young Holstein cows Must be fall freshners with records Somerset Co 814 662 2232

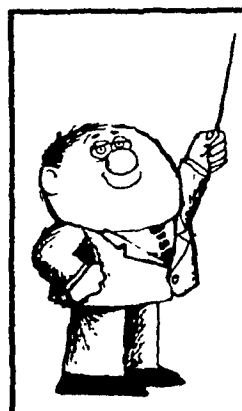
For Sale Two used silo unloaders in good con dition Also new silo unloaders at low, low prices 717-966 3264

For Sale Ringneck Doves White, fawn, peach pied and wild Dauphin Co 717 545 8867

For Sale Mature Nubian Star Buck Also kids and milkers Pet Ferrets and mini lop rabbits available Franklin Co 717-532 3736

For Sale Allis Chamers B Tractor, Farmall 300 tractor, 1200 David Brown Tractor, loader for C tractor Leb Co 717 865-6585

For Sale Poultry equip 200 hanging tube feeders, 35 8-ft waterers, 8 brooders Lanc Co 215 267 2783



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Phone:
717-394-3047
or
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MAILBOX MARKET

For Sale or Lease Two Siberian Husky females AKC registered Daniel H Martin, RD2, Stevens Pa 17578

For Sale 3 Surge milking units with electric pulsation Also portable loading chute Cumb Co 717-258 6414

For Sale New wheat straw out of field Also young 4' Hemlock trees Berks Co 215-777-0069

For Sale Kalamazoo wood or coal stove Estate Heatrola palor stove, 3 point hitch tractor booms York Co 717-927-6967

Wanted JD 14T Baler for Parts York Co 717-259 0553

For Sale Ford 900 w/picker, Ford picker for AC WD, MF 4 bottom disc plow, AC 3 bottom plow Berks Co 215 926-3284

Wanted 600 gal or larger round milk tank Call between 6 and 8 a m or p m 215-445-5697

For Sale Ringneck pheasents, goldens, quail, wooducks Complete setup for draft beer in cluding refrigerator, homemade barbecue grille Lanc Co 717-442-4793

Wanted 8 ft pickup bed for a 1974 International truck Berks Co. 215-682-7014

For Sale 601 Ford Tractor w/Sauder loader, 1973 Empala Sta. Wagon, 1970 Opel G F 350 Engine 215-488-6862 Berks Co

For Sale 12 farrowing crates w/galvanized creep walls and woven wire w/supports for same 717 933-4887 Berks Co

For Sale 6 raised stands for farrowing crates w/steel slats Also 8 heavy duty gates approx 3½ X 10' Union Co 717-524 2680

Wanted Tractor tire size 10,11.12, or 13 X 38 For sale Pick up camper fair condition $400. 814 447-3383 Huntingdon Co

Wanted 10' Combine under $1,000 00, 14X28 tractor tire, AC H07 loader 717-766-6758 Cumberland Co

MAILBOX MARKET

For Sale Meyers com bination w/4 cyl AC motor, hydraulic $2200 Abner F Riehl, RD2 Box 52, Strasburg, Pa 17579

For Sale 4 red & white holstein heifers identified grades Aaron S Fisher, 613 Georgetown Rd, Ronks, Pa 17572

For Sale Pair blonde Belgian geldings 3 & 4 Broke Christian G Esh, 364 Osceola Mill Rd, Gordonville, Pa 17529

For Sale "Vac-Form" machine to make magnetic signs Complete large quantity letters & supplies Like new! Lanc Co 717-548-2559

For Sale 357 HB and 368 NH tub spreaders 44 standard drinking cups Two Clay barn cleaners 717-494-1090 Lyc Co

For Sale Two used large enclosed barn fans, 3/4 hp Lanc Co Call bet ween 9 a m & 3 p m 717 626 5466

For Sale or Trade Gravely tractor, 30" rotary mower & sulky, electric starter, very good cond, $650. Schuylkill Co 717-943-2624

For Sale Four room cottage along Juniata river in Huntingdon Co Located near Raystown Lake, 814 448-2392 Hunt. Co

For Sale 20x60 Fickes silo filled twice, make offer Hartord Co 301-836-1722

For Sale One new Troyer potato grader elevator chain, 20" wide, 11' lenght, 717-656-8036 Lanc. Co

For Sale 8 can milk cooler, side loading $150 00 also milk cans $28 00 each. Snyder Co 717-374-0492

For Sale David Bradely Side delivery rake, on rubber $325 00 Bale elevator 24 ft $225 00 717 733-8554

For Sale Herd of 40 cows, 1/3 registered Avg over 50# lbs each AI Sires. Moving out of state 717 354-4374

For Sale flock of sheep, 3 lambs, 8 ewes, one regular hampshire ram Make offer 717 838 3336

MAILBOX MARKET

For Sale Esco milk tank, 700 gal available in Aug Balto Co 301 357-8375

For Sale Excellent Quality Grade North Country and Cheviot Ewes, wormed and dipped Registered Er denheim Cheviot Ram 215 388 6289 Chester Co

For Sale Reg Romney ram lamb and yearling ram From handspinner's flock, bred for high-quality fleece 215-932-3577 Chester Co

Wanted Front end loader for Ford 8N Top price paid. Snake Hill Farm, 914-941-7797

For Sale Bushel crates in excellent condition Good for potatoes, onions, etc 914-258-4543 or 358 4422

For Sale IH 37 baler, hyd control #10 thrower. Case 220 baler w/launcher. Ford 3 pt siderake, like new. 607-785 4945

For Sale Cultivators to fit M Farmall, best offer, not housed 717-235-3197 York Co.

Wanted 2 row 30" silage head and 2 row 30" snapper head for NH 890 chopper Harford Co 301-452-5657, 452-8673

For Sale Good sized Holstein heifers, due Aug also Maury seed barley $3 50 bu Lanc Co. 717-653-5344.

For Sale 20 heavy chickens, 16 weeks old, 60 cents a lb. Eskimo pups $35 each. 717-626-6517

Wanted Mc#9 ensilage cutter, garage door, Int. 6150 motor Aaron S Beiler, Box 222 Stively Rd., Strasburg, Pa 17579.

For Sale Bobwhite quail, 1 yr old, Harford Co. 301-676-6391.

For Sale Golden Bears. two male AKC golden retreiver pups. Shots, wormed, from OFA-hip certified parents, $200. 215-932-5289 Chester Co.

For Sale 220 Twine tie case baler with bale launcher Also self propelled Fox Harvester Leb. Co 717-867-2255 or 867-1280

For Sale Shropshires Aged breeding ewes, 2 yr old rams, 5 mo old rams and ewe lambs Leb Co 717-949-3653.

For Sale Oliver 2 row 3 point hitch cultivator $125.00, also small spring harrow $25 00 Lanc. Co 717 665 5893.

For Sale Potato equipment. Boggs potato grader, Singer seed potato splitter, exc Olsen roto-beater, good cond 301-452-5122 evenings Harford Co

For Sale Single maple bed, complete, $50. Childs antique maple Rush rocker, $95. Antique mahogany wine Cellerette, $125 00 Lanc. 717-394-7798

For Sale IH Cub Cadet lawn tractor w/38" mower deck, 7 HP Kohler engine, runs good 717 393-7452 eves Lanc Co

For Sale Hereford/An gus/Charolais bull, ser vice age, polled, black w/white face, also oats and oats straw York Co 717 432 4231

For Sale Yearling registered polled Hereford heifers. Pasture exposed to registered polled hereford bull Columbia Co 717 925 6827

For Sale D C Case tractor eagle hitch, live PTO live Hyd $1200 00 14 9 x 24 tractor tire $120 00 Perry Co 717 567 9558

For Sale JD 2010 tractor Just overhauled narrow front $2500 00 Cum berland Co 717 776 7158

For Sale Rubber tire carriage w/hydraulic brake good cond spring wagon w/front hydraulic brake, like new Franklin Co. 717 532 6819

MAILBOX MARKET

For Sale 12 tons of mixed hay Good for mulch Juniata Co 717 444 3996

For Sale 7 JD rotary cutter, 3 blade trailer type with cylinder $425 00 Lanc Co, 717 665 2561

For Sale Owatonna 95 grinder - Mixer 20" mill, 5 screens, magnet, 2 ft auger est, bagger $1800 00. Lanc Co. 717-665-2652

For Sale Guernsey cow. Will calf soon. 4 yrs. old. Lanc. Co.. 717-656-8918

For Sale 73 Honda motorcycle, SL 125CC, 5 sp. $575, exc. cond Lanc Co. 717-665-4498

For Sale Reg Dorset sheep, 4 ewe and 1 ram lambs. Also some young bred ewes York Co. 717-637-8002.

For Sale 1967 Int. 1700 Loadstar Detroit 4-53,5 & 2, Schwartz 22' rollback with winch York Co., Evenings 717-292-4245

For Sale Honda Atc 110 3 wheeler, good cond. $600.00. Butler 9 ton teed bin fair cond. Lanc. Co, 717-548-3294.

For Sale IH 350 D Row crop, good rubber, Pulley P.S, Hyd., Perry Co, 717-957 2290. Late evenings.

For Sale 1 JD 13' Quik-Tatch combine platform, 1 Cropgard dryer wagon with dump. Schuylkill Co., 717-739-4645.

For Sale AKC registered Black Cocker Spaniel puppies $125 00. Exceptional litter Shots and wormed. Six weeks old. 814-628-2920 Tioga Co.

For Sale Deutz 9006, 10006, 20.8 X 38 10 ply, 1971 GMC truck 24,000 dump, Lely fertilizer spreader. 717-549-3073 noon to 1 p.m.

For Sale Ontario 10-8 grain drill, 1957 Plymouth, 1952 Int. 3/4 ton pick-up. 717-889-3314 or 889-5290. Columbia Co.

For Sale Top buggy roller bearing, hydraulic brakes, rubber. Lanc. Co. 215-445-5754.

For Sale 15 Hole chicken nests Lanc. Co 717-733-7123

For Sale 2 Boars and 10 gilts Yorkshire-Hampshire cross pseudorabies negative 400 sex-Sal pullets 20 weeks old. 717-656-9764. Warren Nolt

For Sale Deutz 6006 on steel, good cond Lanc. Co 717-354-0018.

For Sale 6 hole "Pride of the Farm" hog feeder Lanc Co, 717-733-2310

For Sale 1 nice grade Hol. Heifer due Aug 4. Lanc Co., 717-354-6405

For Sale Sorrel work horse 2 yrs old good size Leroy Esch, Main St., New Providence, Pa 17560

For Sale 2 yr. old AKC bullmastiff female, Husky pups. Harvey Z Hoover, Star Route, Terre Hill, Pa. 17581.

For Sale AC B125 power unit, good cond. Aaron K. Beiler, RD2, Box 170, Narvon, Pa 17555m Meadville

For Sale Chihuahua puppies $50 00 Reuben B Fisher, RD1, Box 161, Paradise, Pa. 17562 Between Georgetown and Nickel Mines

For Sale Clean wheat straw baled dry $65 00 a ton $62 00 in 10 ton lots Lanc Co 717-299 9446 after 7 p m

For Sale Wheelhorse, 6 hp, 36' mower Lanc Co 717 354 9916

For Sale Purebred Collie pups 6 wks old Shots, wormed Lanc Co $50 00 Two Roadside stands, one portable 717 464 3585

For Sale 21 75 Win nebago roof air sleeps 6 fully self contained Brad Co 717 364 5593

For Sale 469 NH Haybine, good cond Make offer Also Farquar threshing machine, 28 x 48 Very good cond 717 538 5180. Nor thumberland Co

MAILBOX MARKET

For Sale JD tractor cyclone B powertrol rollomatic 12 volt, very good cond, $975 Berks Co 215-682-2491

For Sale Bundy student flute, just reconditioned, $125, includes case, Chester Co. 215-932 4728.

For Sale Horse trailer, all alum excel cond., $975 firm IH Baler #47 wire baler Bucks Co 215-968-2503.

For Sale MF 3 bottom plow, 3 pt. hitch, good shape $375. Sickle bar mower, 201-772-7626 8-10 p.m. Sussex Co

For Sale 40" Frigidaire electric range, double-oven, storage drawer, lighted panel. Extra clean, exc. cond., $75. Lanc Co 717-665-5848.

For Sale Reg. Jersey cow, first calf heifer. Due Nov to Sargeant Plus. 717-359 7542.

Wanted Used Patz ring drive silo unloader For Sale - Warm Morning coal heatrola. Leb Co. 717-866-5807.

For Sale MH 33 diesel, live PTO live hyd belt pulley, hillside hitch, York Co. 717-244-7866 after 5 p.m.

For Sale AC 5040 diesel tractor, like new, 140 hrs. Wide front end, block heater, oversized tires. 717-786-4763 Lanc. Co.

For Sale 2 well grown heifers due Sept 20,000 milk on 1 dam. Joseph K. Glick, R3, near Georgetown

For Sale MM wide row pull type corn picker, field ready $575. Berks Co. 215-589-4323 after 6 p.m.

For Sale Late production 1209, JD haybine $1975. 800 Ford tractor, diesel w/Ford loader fork, $2975. 215-944-7529 or 779-0493

For Sale Potatoes, new crop, white 15 cents lb., 2 Holstein heifers. Allen S. Zimmerman, Turkey Hill Road, East Earl #2.

For Sale 1970 Int. transtar 400, 238 Detroit, 10 spd., 10.00x20 tires, twin screw $2850 Chester Co 215-431 3183 late eves

For Sale AKC Chow Chow puppies, male & female, $100 717-738-1274 Lanc Co.

For Sale Holstein bull, 1 year old, good stock, $450 Henry R Stoltztus, R1 Box 348 Kirkwood, Pa 17536

For Sale Irrigation pump 4"x4" w/rebuilt engine on trailer, mower, knives. Smucker's Repair Shop, Box 181 R#1 Strasburg, Pa. 17579

For Sale Refrigerator general electric 12 cu ft. w/freezer, exc cond. Mini Lopps, Dwarf and other rabbits, York Co 717-244-1177

For Sale 15' refrigerator, good cond. $200 7' split locust post $2.00 each Myers deep well, $150. 717 733-8910.

For Sale 6 Surge milkers Mini Orbit, new style pulsators & control box, 4 home vaccum pump Berks Co 717-866-4280.

For Sale 70 HP diesel engines for W9 or other tractors, Smucker's Repair Shop, Box 181 R#1 Strasburg, Pa. 17579.

For Sale 2 oak dressers, refinished 790 JD and spreader Wanted Model A or T, good cond, Franklin Co 717-597-4452

Wanted DeLaval 06 milker shells. For Sale Elevation semen $180 Lanc Co 717 665-3862

For Sale Three point hitch for JD tractor will fit B, A, 50, 60, 70 JD tractor 717 249-1190 Cum berland Co

Wanted Tractor tires, 2 good used, 23 1x34 Front end loader to fit G 1000 Vista Minneapolis Moline tractor. 703 740-8701

MAILBOX MARKET

For Sale 25 springing heifers, 301-666-0079 before 8 a.m.

For Sale 2 Cheviot sheep bucks, born in March. $40 each. Lanc. Co. 717-626-4157.

For Sale 72 Datsun, insulated topper, 15" radial tires, new paint, rebuilt motor. Good cond., must sell, best offer, 717-776-5475

For Sale 6 church pews, solid oak, contoured, very nice. Lanc. Co. 717-665-4345.

For Sale Grain bin wagon $575. NI No. 7 corn picker $495. New Pequea hay tedder, $1295. 717-354-0266.

For Sale Potato plow, lard press; meat grinder, wagon gear. Lanc Co 717-442-4510.

For Sale Six grade Holstein heifers. Vaccinated and will freshen soon, good size and priced reasonable. 215-255-4836, Chester Co.

For Sale Garage lifts, full hydraulic single post frame. Kontact lifts, 8000 lbs. cap., $1150. 717-345-4020 Schuylkill Co.

For Sale JD 42 pull type combine, 9 ft. cut, $1000. Would take 205 corn head. Mt. Wolf, York Co. 717-266-4638.

For Sale AQHA filly, 15 months old. 14.3 hands now. Her mother was 16 hands, $750. Dauphin Co. 717-469-7448.

Notice- Selling because kids lost interest well broke to ride, drive 11.3H pony, tack included, $300, good w/kids. Berks 215-756-6479.

For Sale C2 Cleaner combine 13' hume reel cab, field ready, Dauphin Co. $5000. 717-566-2872.

For Sale JD 224T baler $800. NH #50 baler thrower w/almost new motor, $150. Will sell separate. Chester Co 215-942-2657.

For Sale Hol. bull, reg. service age $500. Schuylkill Co. 717-739-2247.

For Sale Poodles, white male. Sire is champion Silhon-Jettes Snob Appeal, 3 yrs. old, good stud, $225. 717-934-2481

For Sale C5 Calumet vacuum pump for liquid manure spreaders, misc V belts in sizes B-C-D Lanc. Co. 717-733-8528.

For Sale Misc. roadside market equipment and supplies, antique wagon. 215-383-5494 Chester Co

For Sale Gehl 600 harvester 1,000 shaft electric sharpener, fair cond., $1200 or reasonable offer, 717-733-7420.

For Sale Grain drying and storage operation near I-83, exit #12 York Co 717-854-8912.

For Sale King double horse trailer, many extras, good con., $850 firm/best offer. Lanc. Co. 717-786-3738 or 786-4849 evenings

For Sale 1973 Int grain truck Alum. tilt cab. Detroit diesel engine 13 spd transmission Tanden axle, 717-733-7839

For Sale JD loader model 47 w/hyd. bucket $585 (New) Mid-mounted master mower 60" cut $375 717-665-2271, Lanc. Co.

For Sale #69 NH hayliner baler, bale chute, Co2 hay preserve unit, approx 10 gal preserve Col. Co 518 672-7481

For Sale 450 gallon Girton milk tank, good cond, best offer 717-225 3563

Wanted A crawler loader for sawmill operation Int TD6 or 450 JD or other of same size Lanc Co 717-733 8434

For Sale Horn of Plenty Magnetic cattle feeder $200 or best offer. Washington Co Smithsburg, 301-824-7878

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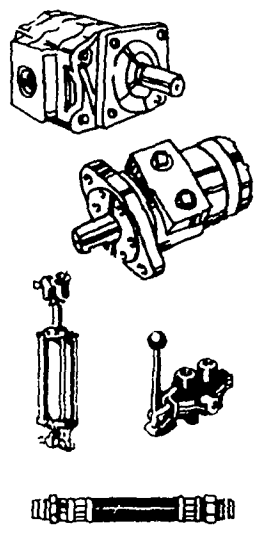

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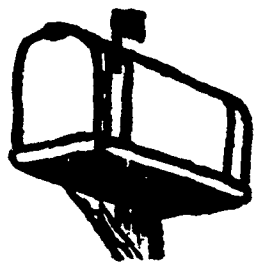

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Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

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Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale Large amount of horse manure or trade for corn, oats or hay Lanc Co 717-442-4259

Wanted Field run Balboa rye for cover crop. Will pick up 717 898-8927.

For Sale - David Bradley manure spreader, new wood and paint. $225 00 3 point hitch for JD. $150 00 Montour ' Co 717-672-2021

For Sale - 250 H & N Leghorn pullets Henry K Beiler, RD1, Christiana, along Vintage Rd , Lanc Co

Wanted Stainless steel bulk tank for water supply 400 gal or more Lanc Co 717-733-6825

For Sale Bou-matic 50 lb catch pail - $55.00 Lanc Co 717-529-2937

For Sale Like new Ford 601 one row corn picker $1900 00, Block-Radiator, head, other DC - Case Sullivan Co. 717-924-3847

For Sale - JD Hi-lo combine 10' grain head 2 row wide corn head $3400 00 717-467-3940 Sch. Co.

For Sale - New 2 - Row wide head for 880 or 1880 N H forage Harvester. $1000 00 — best offer Lanc. Co., 717-665-4239

Wanted - Coal or wood fired hot water furnances. John R. Zimmerman, RD4, Ephrata, Pa 17522

For Sale - 210 gal Mojonnier, 350 gal Esco milk tanks, $1 00 per gal. 302 994-9462 after 6 p m , New Castle Co

For Sale Sawed locust posts oak and Hemlock fence boards, steel bale thrower racks, plywood feed bins Lanc Co 717 442 8972

For Sale 66 A. farm 7 room house w/enclosed back porch Snyder Co $55,000 00 717-539-8118 or 539-8694 after 5 p m

For Sale 2 hay rakes, 1 NI rake and tedder, 1 Sears on rubber. 717 792-1244 York Co.

Wanted - Used 9' Reading utility box for dual wheel chassis. Also late model Ford Super wagon or Dodge Maxi-van. 717 274-3488 or 933-5231.

For Sale - Beautiful reg. Border Collie puppies from imported champion Scottish working bloodlines, finest stock, handling and obedience dogs. 717-289-4663.

MAILBOX MARKET

For Sale - 3 point hitch post hole digger, 12 inch auger Good cond $250 00 Centre Co 814 364 1181

Wanted Handyman-type person to help me built house Salary & trailer available 609 522-0048 Alt Co , NJ

For Sale - Diadem - 250 spinner spreader 3 pt like new $250 Pine barn siding new 40 cents bd ft Schuylkill Co 717 276 1542

Wanted 8 22 5 truck tires 609-785-1531 Cumb Co

For Sale Harvestore forage weigher almost new, 36 8' stainless steel chicken waters Wanted grain head for MF 301 334-4095 Garrett Co

For Sale - Purebred Arabian geldings reasonably priced to sell, good breeding, good temperment Somerset Co 814-634-5421.

For Sale - 1971 Chevy Vega, 4 cyl , A I , Hatchback, $200 or best offer Chester Co 215-932-4728

For Sale - JD Model G Tractor, new tires, new paint NI loader with blade Also #5 mower York Co 717-382-4688

Wanted - 6 or 8 can milk cooler and compressor Simon K Brenneman, RD2, Box 402A, Dover, DE. 19901.

For Sale - Combine, MH Clipper "50" P T.O., bin Exc cond $300 00 Also 5 surge pail units. $150.00. Harford Co. 301-557-8539

For Sale - Oliver 50 baler for parts Few nice Shropshire ewes & lambs. Luxury - 79 Olds Toronado diesel $6,450. 717-545-7005

For Sale - 4 new Bou Matic 2700 M detachers, 2R hand and 2L. hand, Juniata Co. 717 463 2606

For Sale - Reg dairy goats, good milkers and kids alpines, nubians, toggs Franklin Co 717-263 4908

For Sale - Oliver Model 18 7 ft combine power takeoff with bin, $200 717-834-4579 Perry Co

For Sale - 2 walk-in coolers 16x16 1 w/meat rail VG4D Wisconsin motor complete starter, reduction clutch. Northampton Co 215-252-4276

For Sale - Used truck parts, 10x20 tires on rims, almost new, sliding fifth wheel, A-1 cond , Lanc Co 717-367-3202

For Sale - New 20 ton hyd. press. 1974 Yamaha 750 motorcycle. 717-244-8141 York Co

Wanted - Sawmill, state condition in first letter. Henry J Yoder, RD Aaronsburg, Pa 16820

For Sale - New Idea five wheel rake, exc. cond 717 933-4656

For Sale OC3 crawler with loader bucket & fork, also has PTO & pulley in running cond , Franklin co 717-532-3205

For Sale - Oliver crawler loader OC96D Diesel runs good, good cond , $3950 Dau Co 717-545-2086.

Wanted - Five foot rotary cutter for three point hitch For Sale IH #46 baler for parts, 717 528 8555 Adams Co

For Sale - Reg. Holstein w/records, due Aug 5. First calf grade red/white heifer, due Aug 25 Leb. Co 717-866-6424

For Sale - Chev Van, 3/4 ton, 1972. New tires, 8' camper top for pickup truck. Columbia, MD 301-531-5335.

For Sale - 20x50 Harvestore blue roof. Hercules unloader recently rebuilt, good cond., must be moved. Best offer. Union Co. 717-523-3458.

For Sale - AKC Reg. Cocker spaniel puppies, wormed and shots, females $75 males $65. Berks Co. 215-589-2139.

MAILBOX MARKET

For Sale 95 JD gas combine 13 ft grain head 4 R W. cornhead Good Cond $5400 York Co 717-292-4416

For Sale - JD hay fluffer NH elevator. IH hay crusher hay rakes, wagon, IH PTO combine w/bin 717 345 4882

For Sale 2 pair parakeets & 1 pair cockatiels with breeding cages & nest boxes 215 445 6385

For Sale Registered cow sired by Job bred to very due Sept 7 First calf record over 16 000 milk 717 687 8893

For Sale 69 Camaro RS 327 Auto P S tape console hideaway headlights, headlight washers, beautiful cond $3000 00. Lanc Co 717 665-5294

For Sale '64 stainless steel milk tanker trailers, 4500 gal excellent shape Wanted - rejected milk Ford truck Chester Co 215 347-2232

For Sale Schnauzer Miniature AKC puppies, salt & pepper color, ears cropped & tails clocked Chester Co 215-326-8061

For Sale White loader, late model off 1365 Oliver, will fit others Also Rottweiler female pup 215 Lanc Co 717 354 8238.

For Sale Horse cart, seats two - roller bearing buggy wheels on rubber - Exc. cond., $400 00 717 529-6557, Lanc Co

For Sale - Stud service reg A K.C. Doberman pinscher, red male, sires large litters 717 733 4647

For Sale - Five springing heifers, three grades due Aug, one grade due Nov one registered due Dec Adams Co 717-528-4914

For Sale 2 corn sprayers. 1,000 lb scale, 3 pt cultivator, Blizzard silo filler w/pipe &IH flail chopper 717-362 9842

For Sale Steel dump bed complete with pump 15 X 63 ' Nose hoist, very good cond $1500 00 814 766-3187 Bedford Co

For Sale Large modern Hampshire ram price stock farm breeding — Best offer Call collect after 6 p m , Burlington Co 609-758-7272

For Sale - Hackney stallion, 49 inches Lots of action, has been shown Flawless disposition & conformation. Clearfield Co. 814-857-7909

For Sale - Armstrong 14.9 - 24 tractor tire never used $130.00 Perry Co 717-567-9558

For Sale - 1 windmill - 60' tower, - 10' wheel like new Emanuel B King, RD1, Coopers Dr , Kirkwood, Pa 17536

For Sale - 200 Farmall, fast hitch, cultivator & mower, good $1750.00 Lanc. Co. 717-684 0143

For Sale - 190 gallon milk tank M-M tractor Model Z 14' flatbed trailer dual wheels Chester Co 215 458-5698

For Sale - Boston & Fox terrior puppies Price $15 to $35 00 each, nicely marked John M Martin RD1, Denver, Pa

For Sale Foley model 387, automatic saw filer also saw setter Exc cond Sch Co. 717 682 9233

Wanted JD crawler loader 420 or 430 parts. For Sale 500 gal boom sprayer $300 Lehigh Co 215-799-3082

Wanted - Thoroughbred size, 2 horse trailer For Sale. Registered yearling Arab gelding, beautiful, exc. disposition Trade Montour Co. 717-275 0806.

For Sale - 30 X - bred ewes & one X - bred ram - $50.00 each for ewes Leb. Co. 717-867-1584.

For Sale - Roybrook Starlite daughter due Aug. 15 to Sexation. Dam & granddam over 25,000 lb. milk. 717-597-3770 Fr Co.

MAILBOX MARKET

For Sale 74 S & H 32 Gooseneck stock trailer Excellent condition $3500 York Co 717 244 1204

For Sale Fence Posts sawed locusts & round also treated Abner S King South Shirk Rd Gordonville, Pa 17529

Wanted Milk can cooler 3 4 or 6 can Enos King, RD3, Box 375, Quarryville, Pa Lanc County

Wanted - NH running gear for a gas engine Write R Eisensmith, RD1 Mt Wolf, Pa 17347

Wanted Duetz Fahr hay tedder Write RD1, Box 273, Strasburg, Pa Lanc Co

Notice Pick own stringbeans $2 50 basket We pick $4 50, Christ King, 4 mile east of Intercourse, second house on left

Wanted Tractor tire chains size 11 28 York Co 717 252-1623

For Sale - IH Cub Cadet lawn tractor with 38' mower deck, 7 HP, good condition 717 393 7452 eves Lanc Co

Wanted Used crank shaft for 770 Oliver gas engine to fit Chey Viking 60 tilt cap truck 717-328-2880

For Sale Chevy truck with refrigerator body, exc 6 cyl engine 24,000 lbs gross weight $375.00 / offer. 717-944-1007 Dauphin Co.

For Sale - 3 pt fork lift w/slide on hog moving basket Lift can move round bales $300.00 Berks Co. 717-933-4380

For Sale - Fiber packs for bedding plants, 601's & 1201's Factory seconds $10 00 a case Berks Co 717-933-8541

For Sale AC 80S side mounted twin wheel drive mower for D17, $300 00 Leb Co 717-865-6860

For Sale Amish Carriage spring wagon, also horses. 3 Bel mares, 2 reg 1 grade, 1 standerbred gel Cumb Co 717 423 6293

For Sale - Jersey bulls, one month old & under Asking $20 each 717 867 4808 Leb Co

Wanted A ride to Montana around the middle of Aug. Would even appreciate hearing from truckers Berks Co 215 488-1337

For Sale 63-F-700 Ford 5 + 2 - 12' steel grain dump. Case 800 combine for parts Balto Co 301-922-5180

For Sale - Reg quarter horse sorrel, good bloodlines, $450 or trade for dairy cow 717-865-2639, Leb Co

For Sale - 2 single tobacco wagons & ladders, 2 single tobacco ladders, 6000 tobacco lath Lanc Co 717-665-3215, evenings

Wanted - Small boat for farm pond 717 653-2325, Lanc Co

For Sale Four year old standard bred horse Traffic safe & sound Noah W Leid RD1, East Earl Pa 17519

For Sale 1970 Chrysler 4 door V 8 engine current inspection $250 215 287 9897 after 1 p m Mont Co

For Sale 1947 2 door Sedan deluxe 8 cyl Ford $1500 215 584 1150 Mont Co

For Sale - 5 Bou Matic pipeline milker units $150 each, HA 1000 gross pickup for Gehl Chopper, $1000. 215 249-3304 Bucks Co

For Sale - A K.C reg cocker spaniel puppies, 9 wk. old, 2 M & 1 F $65.00 each. Cumb Co 717-532-7922

Wanted - Used tractor tire 11 X 38 717-374-6587 Snyder Co

For Sale - I H. fast hitch mower exc. cond. $525 00 / rolls snow fence $30 00. Cast iron coal stove. Berks Co 717-933 5736

MAILBOX MARKET

For Sale 5005 Duetz tractor on steel $1400 Elmer Martin Ephrata #2 Pa Diamond Station Rd

For Sale Wholesale prices on Snow Crown cauliflower plants sweet corn tomatoes, peppers cucumbers Wanted celery crates Lanc Co 717 733 2584

For Sale Purebred Suffolk lambs Quality disease free stock Lanc Co 717 653 2318

For Sale 400 gal Dari Kool ice bank bulk tank with 2 hp compressor Cumberland Co 717 532 8856

For Sale - Complete preservative attachment for baler $175 Call after 9 p m Berks Co 215 926 2280

For Sale Reg Percheron horses, stallion, 2 mares, 3 geldings Also full line horse drawn equipment 607-433 2681

For Sale Oliver 2 row cultivator $50, parts to make metal corn crib $50 Mont Co 215 256-9450 after 6 p m.

For Sale AC G Tractor with front & rear hydraulic, front & rear cultivators, plow & mott mower Lanc Co 215 267 3188

For Sale - JD 4040 310 hrs with loader, exc cond , 315-364-7548 Cayuga Co

For Sale Owatonna 540 hay stacker and mover, used very little 814-355 2088

For Sale - Used Century weed sprayer, drums, good shape. JD 3 bottom 14" plows, high clearance, mech trip Columbia Co 717-784 8597.

For Sale - 1 set of platform scales 9' wide, 16' long Weigh up to 7 ton $600 412-455-3679 Fayette Co

For Sale NI mounted 2 row corn picker mounting, brackets for 770 Oliver 319 front 322 12 role husking bed, 215 932 8108

For Sale Red & white bull calf ABS fleet son 17,000 Sam S Stoltzfus, 3184A Mill Lane, in Gordonville, Pa

For Sale 3 yr old good cond buggy, hydraulic brakes, $900 John K Esh, Kirkwood, Pa #288 17536, Lanc Co

For Sale - Horse, black & white pinto good for trail riding gentle, asking $400 717-582-8256 Perry Co

For Sale - Suffolk lambs, elec incubator & hatcher, (600 eggs) manual corn shellers, 560x15 tires & wheels Leb Co 717-867-1470

For Sale NH Super 66 Baler, no thrower $400 Int 56 3 pt hitch corn planter $275 717-589-3876 Perry Co

For Sale Honey Bee supers $5 00 each Lanc Co 717 872 5613

Wanted - We want to buy Penna Flagstone by the trailerload Looking for direct quarry source 215 598 3102

For Sale Barn cleaner chain 230 ft $3 50 per ft Call after 8 p m Lanc Co 717 665 7709

For Sale Springer Spaniel Liver & White puppies AKC registered born May 10 Lycoming Co 717-546 5706

For Sale JD two row 3 pt. cultivators with shields & spring cushion sweeps $300 Lycoming county 717 323 3803

Wanted - 2 MH corn picker Must be in very good condition. 717 327-1366 after 10 00 p m

For Sale Pony cart, $75, Portable air compressor $100, Sears AC. Welder $85, 18' bale thrower wagon - $450. 717 345-4882.

For Sale - 1967 Int truck, class 6 weight. Rearend is bad 717-866-6358 Leb. Co

MAILBOX MARKET

For Sale Oliver crawler dozer new 6 cyl gas engine, 7 ft hyd blade new battery $2800 Bucks Co 215 257 7678

For Sale 325 NI picker sheller $3000 Detroit 3 71 powered Prentice loader and hydro saw buck 717 659 5326 after 6 Tioga Co

For Sale 500 bus Moridge grain dryer used 2 yrs Chester Co 215 593 6315

Wanted Attachments and accessories for AC B110 tractor esp snow blower blade, wheel weights, 717 665 6353 Manheim evenings

For Sale - JD gravity bin $750 wood calf huts $40 Smidley hog feeder 10 hole $100 Berks Co 717 933-4792

For Sale - MF 20 2 row cornhead for MF 35, 72 82 & 92 combines $200 215 536 9672 Bucks Co

Wanted - A two horse trailer with dressing room must be in good cond , 301 387 4597 Garrett Co

For Sale - Black and gray spinning wool 36" Muller power trowel, 73 Subaru, Dauphin 717 921-2810

For Sale 4 6 hole, 17" rims w/tires, oil burner equipment and Bacharach test equipment, 301-398-9178 Cecil Co , Md

For Sale - 357 HB and 368 NH spreaders, 44 standard drinking cups Two clay barn cleaners, 717-494-1090 Lycoming Co

MAILBOX MARKET

For Sale Single open cutter good cond 3 yr old stud doneky Farmall H w/fork Seneca Co NY 315 568 2619

For Sale NH 845 round baler, NH 489 haybine like new, NH model 30 blower, 1000 rpm Lanc Co 717 548 2626

For Sale Henderson chief eleven foot all hydraulic fertilizer bed little rust works perfectly $3200 304 249 5931 Pendelton Co , W Va

For Sale McDeering #2 husker shredder like new, best offer over $500 Model E JD manure spreader, Fishersville Va 703 943 1321

For Sale Four pet rac coons 1 male and 3 females, $25 ea Cecil Co 301 658 4538 after 5 p m

Wanted Combination cookstove wood and electric or gas Write Box 13, RD10 York Pa 17404

For Sale 1700 Mustang skid loader w/manure fork, pallet fork and dirt bucket, good cond , $3800 Cumb Co 717 532 3310

For Sale Steel framed wood sides for 14' grain truck Good cond , $50 or trade, 717 677 7387 Adams Co

For Sale Reg Airdale puppies, Leb. Co 717-865-3462 or 717-865 3512

For Sale - 1936 Case tractor $300, 3 pt hitch for 3010 JD $200 5th wheel trialer $1200 Luz Co 717 759 0921

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U.S. meat imports below quota

WASHINGTON, D.C. — Secretary of Agriculture John Block announced that the third quarterly estimate of U.S. meat imports for 1982 is below the level that would require restraints on imports under the Meat Import Act of 1979.

Block said, based on estimates of available supplies, imports of beef and certain other meats should total about 1.23 billion pounds — 75 million pounds below the 1982 trigger point of 1.3 billion pounds. The 1.23 billion pound third quarterly estimate is slightly higher than the 1.22 billion pounds imported during 1981.

The Meat Import Act requires the president to restrict imports of certain meats — primarily beef and veal — if U.S. Department of Agriculture estimates imports of those meats will equal or exceed 110 percent of a stated level.

"Based on today's estimate, there was no need to impose import restrictions on July 1," Block said.

USDA makes a new estimate of meat imports before each calendar quarter. The fourth quarterly estimate will be made in September and announced on or before the first day of October.

No import restrictions on meat imports were imposed during 1980 or 1981. The first and second quarterly estimates of meat imports for 1982 were announded at 1.21 and 1.18 billion pounds respectively.

NEED MORE ROOM? Read The Classified Real Estate Ads

USDA streamlines meat export paperwork

WASHINGTON, D.C. — The U.S. Department of Agriculture has streamlined the reporting and paperwork requirements for exporters of meat and poultry products.

Donald L. Houston, administrator of USDA's Food Safety and Inspection Service, said USDA has designed a new form for exporters — "Application for Export Certificate" — Form number MP 130-A. The new form establishes a uniform procedure for obtaining export certificates for meat and poultry products. The applicaton will be reviewed by a meat or poultry inspector prior to issuing an export certificate.

Houston said USDA has also developed a new official export certificate — Form 130 — which replaces two existing forms — MP Form 412-3 and MP Form 506 — and three of four official marks which identify where the product was inspected and passed for export.

"The meat and poultry inspection regulations require a product intended for export to be inspected for wholesomeness and meet the specific requirements of other countries," Houston said. "Export certificates are required before the product may be shipped to other countries. The new regulations will remove inconsistencies between the regulations for meat inspection and poultry inspection."

USDA proposed changes in export certification procedures in July 1981 and received nine comments, which generally supported the proposal.

Notice of this action was published in the July 9 Federal Register, available in many public libraries.

Georgetown field day Aug. 11

NEWARK, DEL. — The University of Delaware's 38th Annual Farm and Home Field Day will be held Wednesday, Aug. 11, at the Georgetown Substation. The event is an opportunity for farmers and non-farmers alike to see what the University's Agricultural Experiment Station and Cooperative Extension Service are doing for the people of Delaware.

Details of the program are still being worked out, but it will include general bus tours of the entire research farm, special wagon tours of agronomic crop and vegetable plantings, plus a consumer's program. In addition, there will be exhibits and demonstrations throughout the day.

Tickets will be available at the door for a fried chicken meal to be served in the grove at noon. The day will conclude with the traditional watermelon break.

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

JULY

SAT. JULY 17 - 9 A.M. Public Sale of Antiques, Modern Furniture and Collectibles. Located at 340 Anchor Rd., Elizabethtown, PA. Mrs. Martha Reider, Owner. Gary Fasnacht, Auctioneer.

SAT. JULY 17 - 10 A.M. Public Sale of Farm Equipment, Tools, Antiques, Household Goods and Misc. Located along Brossman Rd., Ephrata Twp., Lanc. Co., PA. Rt. 322, east of Ephrata to Bethany Rd., Mary Carter Paint Store to Brossman Rd. Florence W. Rupp, Owner. T. Glenn and Timothy G. Horst, Auctioneers.

SAT. JULY 17 - 10 A.M. Public Sale of Construction Equipment and Contractors Tools. Located at R.D. 2, Annville, Lebanon Co., PA, take Rt. 934 north of Annville and turn left onto Palmyra-Bellgrove Rd. before the town of Bellgrove and continue appr. 1 mi. to property on right. Aaron R. Miller, Owner. Harry H. Bachman, Auctioneer.

SAT. JULY 17 - 9 A.M. Public Auction of Antiques, Tools, Car, Tractor on the premises Jonestown RD #3. From Lebanon take Rt. 72 north to Camp Meeting Rd., turn left on Race Horse Dr., 2nd house on the left. From Annville area take Rt. 934 North to One Rd. to Black Smith Rd., then right on Race Horse Drive. Conditions by Guy Gerberich Atty.-in-Fact for Mrs. Frank Gerberich; Roy I. and David L. Ebersole, Auctioneers.

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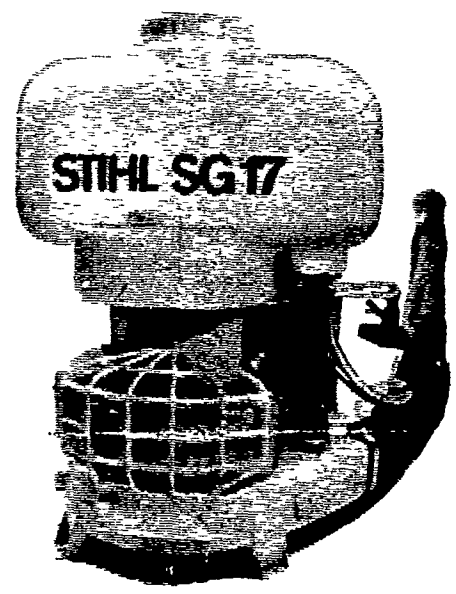

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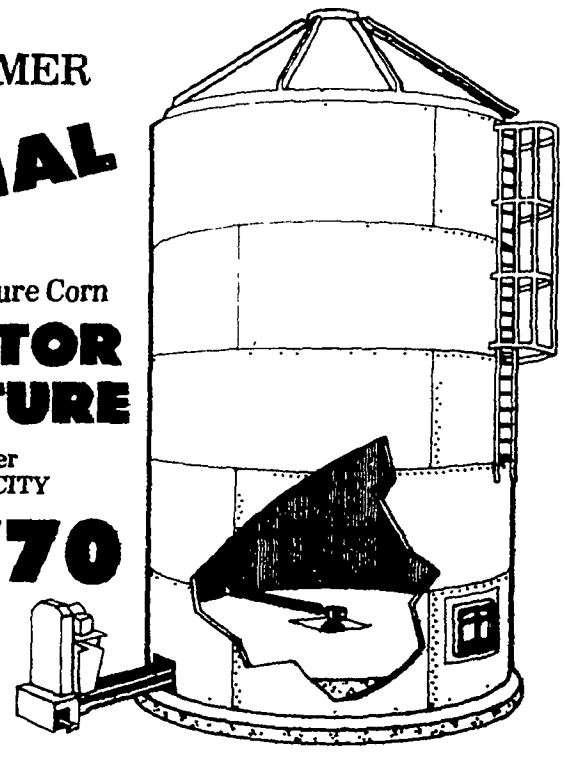

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PUBLIC SALE
OF A. FARMALL TRACTOR - 11 H.P. RIDING MOWER - BUTCHERING TOOLS - BLACKSMITH'S TOOLS - ANTIQUES & HOUSEHOLD GOODS
SATURDAY, JULY 31, 1982
At 9:00
Located at Corner of River Rd. & Maple Spring Rd., R.D. #1, Pequea, Lancaster Co., Pa. Take Rt. 324 south of Lancaster to Martic Forge Hotel, turn left on to River Rd., go 1 mi. to sale.

FARM EQUIP.: A. Farmall tractor w/cultiv. & row marker, Manure spreader; disc; spring harrow w/roller; 5' trailer mower; circ. saw buck; dump cart; 11 h.p. Snapper riding mower (1.n.); 2 wheel utility trailer; straw; corn; 2 walking plows; shovel plow; 16' & 32' wooden ext. ladders; 275 gal. oil tank. Homelite chain saw; Echo gasoline weed-eater w/saws. Canedy otto drill press; Lincoln welder; metal roller bender; acetylene regulators; tips & hoses; metal bender; ¼" & 3/8" elec. drills; sabre saw; elec. disc grinder; bench grinder on stand; dbl. bench grinder & vise. Blacksmith's tools incl. anvil, lg. forage, tongs, hardys, beck irons etc. Butchering tools incl. 2 iron kettles w/3 foots, sausage press, pudding stirrers etc. Chunk & barrel wood stoves. Model A or T Ford engine. Slater's tools & lots of hand, shop & garden tools. Horse shoeing tools & box. 2 elec. fencers; old wooden cider press w/motor; crocks. Articles in iron, wood, tin etc.

Revco upright freezer; 2 door refrig.; Frig. 15,000 BTU window air cond.; old Columbian oak parlor stove; 2 pine woodboxes. Furn. in walnut, Vict. cherry, oak, mahg., maple & metal. oak mirror w/hat rack; Empire mirror; gilted & other frames. Glassware & china in dk. & orange Carnival, German, woods, china dinner set etc. Kitchen articles; 2 Ward & Sons 12 g. dbl. barrel hammerless, muzzle loader shot gun, German bayonet. Other misc. articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MRS. FRANK B. SMITH, JR.
(Snuffy Smith)
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

Carroll's Sales Co., Inc.
P.O. Box 307
Felton, Delaware 19943
Phones 302-284-4911 or 284-4541

PUBLIC AUCTION
OF VALUABLE REAL ESTATE & FARM EQUIPMENT
SATURDAY, AUGUST 7, 1982
Farm equipment 10:30 a.m. Sharp
Farm 12:00 Noon
Located on County Road 405, Raughley Hill Road, Approximately 2 mile north of Harrington, Delaware.

FARM EQUIPMENT

Complete line farm implements, including JD Tractor 2520, 430 JD Tractor, JD 45 Combine, JD Corn Planter, JD Grain Drill, JD Cultivator, Chisel Plow, Mounted Plow, 1950 Dodge Grain Truck, 2 Funnel Wagons, Manure Spreader, JD Disc, Drag, Sub Soiler, Misc. odds and ends too numerous to mention.

LAND

70 Acres more or less with 55 clear and tillable having road frontage on county road 405, zoned AR and very close to the city limits and shopping conveniences of Harrington, Del.; having improvements of an automated chicken house (12,000 capacity) and several out buildings. Land is in HIGH CULTIVATION.

TERMS EQUIPMENT: Cash day of sale.

TERMS REAL ESTATE: 30% Down day of sale and enter into a Purchase Money Mortgage for 10 years at 13.5% interest. Owner Financing at settlement. Final settlement will be within 60 days. The percentage paid on the day of sale will be treated as part of the purchase price if terms of the sale are complied with, otherwise; it will be forfeited for non-compliance and treated as liquidated damages.

*Buyer to pay cost of deed and the Delaware Transfer tax to be divided equally. Sellers reserve the right to accept or reject all bids. Possession will be given at end of crop time or January 1, 1983

Owners
MR. & MRS. FRED MARTIN
CARROLL'S SALES CO., INC.
Sales Manager
Auctioneers
Harry Barrett
Anthony B. Carroll

PUBLIC AUCTION

VAL. 92A. REAL ESTATE, HOUSEHOLD GOODS, ANTIQUES, 72 DODGE DEMON CAR - only 50,000 miles, etc. (Estate of Julia Kelly)

11 miles S. of Jersey Shore, Pa., 5 miles S. of Rauchtown, 2 miles N. I-80 exit 28 along Rt. 880.

SATURDAY, JULY 24

10 A.M.

Brief listing of items include softwood hi back drysink; Gray cook stove, real nice; Oak items include: round ped. table; kitchen clock; hi back bed; 5 drawer chest; dresser; victrola; sewing machine; chairs; rockers; etc. 2 blanket chests; round top truck; rug weaving loom; quilting frames; washstands; several quilts-tops-comforters; Waltham closed face necklace watch; 11 old splint baskets; lambs; crocks & jugs; up to 5 gal. old odd adz type hand hammer marked Barton 1882; many other small old items; GE 2 door 13.5' refrig-freezer; 9' upright freezer; heatrola; uph. furniture; Albracht & co. upright piano; many other small items; hand tools, etc; Real Estate 1 P.M. (Hunters Paradise) App. 92 A. w/7 A. Tillable, balance woodland-surrounded 90% by State forest land, over 1 mile road frontage. Not timbered off in over 70 yrs. 2½ story 4 room (2 bedroom) home, 2 car garage, other outbuildings, etc. Located in lovely setting in prime deer-bear-turkey hunting area, must be seen to be appreciated. To view dial (717) 725-2259 or 398-2301. RE Terms, $5000. down, bal. in 30 days.

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Lunch-tent if inclement

PUBLIC AUCTION

OF ANTIQUES & HOUSEHOLD GOODS

SATURDAY, JULY 24, 1982

at 9:30 A.M.

LOCATION: 355 Penryn Road, Manheim, PA. Located East of Manheim on the Penryn Road. Follow Doe Run Road East from Manheim square. Turn left onto Penryn Road. Sale approx. ¼ mile on right.

ANTIQUES & FURNISHING

Oak Extension table with 8 boards, Oak Dentist Cabinet, Oak China Closet, Oak School Master's Chair, (6) Plank Bottom Chairs, Ladderback Chair, Cane Seated Chairs, Rocking Chairs, (9) Piece Dining Room Suite, (2) Bedroom Suites, Studio Couch, Cedar Wardrobe, Cedar Chest, Walnut Veneered Cedar Chest, Wicker Chairs, Old Library Table, (2) Wood Chests, Wooden Bench, Small Tables, Flower Stands, Rug Carpets, Braided Rugs, Runners, Lawn Chairs, Maytag Wash Machine, Electrolux Sweeper, Old Coverlet, Quilts, Comforts, Bedding and other Linens, (2) China Dolls (old, very nice), Doll Cradle, Child's Wicker Rocking Chair, Child's High Chair, decorated Crock and other Crocks.

CHINA & GLASSWARE

Gaudy Welsh Teapot, Flow Blue Plates, Bohemian Wine Decanter, German, Ironstone China, Noritake, Fostoria, Carnival Glass, Cut and Pressed Glass, Handpainted China, Child's China Tea Set, Assorted Vases and other China and Glassware, Old Handblown Bottle, Paperweight, Glass Marble, Silver Tea Set, Mantel Clock, Iron Spoon and Fork, Old Ice Cream Dipper, Bowl and Pitcher Water Set, Photo Album, Books, Picture Frames, Old Buttons, Baskets, Roast Pans, 4 qt. Casserole, Slaw Cutter, Quart and other Canning Jars, Ice Chest, Pots, Pans and other Kitchen Utensils.

TRACTOR & TOOLS

Ariens 7 hp. Riding Mower Electric Start (good cond.), Hahn 19" Mower, Scotts Lawn Spreader, 32 ft. Extension Ladder, Step Ladders, Log Chain, Wheel Barrow, Vise, Hoes, Shovels, Rakes, Baskets, Axe, Sledge Hammer, Hedge Trimmers, Scythe, Garden Hose, Extension Cord, Carpenter Chest, Tobacco Spear, Hand Saws, Hammers, Wrenches, 12 Gal. Single Barrel Shotgun, and other useful tools and household items.

TERMS: CASH

Terms By:
CLAYTON & KATHRYN HERSHEY

Auctioneer:
John D. Stauffer
R.D. #6, Manheim, PA
Phone: 665-5099

Lunch Stand

PUBLIC AUCTION

SATURDAY, JULY 31, 1982

AT 10:00 A.M.

Located approx. 5 miles North of Millersburg or 2 miles South of Dalmatia along route 147. Turn East on Snyder Mill Road to sale.

FARM MACHINERY & TOOLS

Int. Farmall 450 Tractor (very good condition), Int. Farmall H Tractor, Int. 2 Row Corn Picker (No. ME2) To Fit 450 Tractor, Int. No. 127 Self-Propelled Combine, N. H. Baler (P.T.O.), Int. 2-Row Corn Planter, Oliver 13 Hole Grain Drill, Int. Side Delivery Rake on Rubber, Int. 3-Bottom Plow, Hay Wagon, Morton Grain Wagon (like new), Int. Post Hole Digger, Int. Sprayer, Sickle Bar Mower, New Idea No. 12A Manure Spreader, Int. Disc. & Cultipacker, Int. Cultivator for H Tractor, Snow Plow, J.D. Hammermill, Large Hay Elevator, Little Giant Grain Elevator, Grain Auger, Saw Buck, Cement Mixer, Corn Sheller, Jamesway Hog Feeder, 2 Cylinder Wisconsin Engine, 250 Gal. Gas Tank, Lincoln 225 Amp. Welder, Welding Rods & Shield, Wheelbarrows, Seed Cleaner, Power King, Bench Grinder, Bag Kart, Chicken Feeders & Nests, Chicken Crates, Log Chains, Hay Hooks, Heavy Duty Trailer Cords, Step Ladder, Wooden Ext. Ladder, Bag Scale, Int. Parts, Chain Binders, Pulleys, Heavy Duty Grease Gun, Single & Double Trees, Brooder Stoves, Junk Piles, Misc. Lumber, Feed Troughs, Scythes, Pipe Vise & Threader, Electric Drill, Hydraulic Jack, Gas Cans, Skill Saw, Sabre Saw, Work Benches, Electric Motors, Jumper Cables, Blower For Blacksmith Forge, Axe, Forks, Shovels, Grain Scoop, Bench Vise, Railroad Jack, Cross Cut Saw, Wood Planes, Torch, Augers, Brace & Bit Set, Wire Egg Baskets, Carpenter; Mechanical & Hand Tools, Garden Tools & Many Other Wagon Lots.

BUTCHERING EQUIPMENT

2 Iron Kettles, Meat Hooks, Hog Trough, Scrapers, 3 Ft. Beam Scale, Meat Benches.

HOUSEHOLD GOODS

Westinghouse Electric Stove, Whirlpool Refrigerator, Whirlpool Automatic Washer & Dryer, I.H. Chest Type Freezer, 6-Piece Dining Room Suite, 5-Piece Breakfast Set, Zenith Color TV, 4-Piece Sectional Living Room Suit, 3-Piece Bedroom Suite (like new), 4-Piece French Provincial Antique White Bedroom Suite, (2) Recliners, Sofa, Platform Rocker, (2) Hutches, Full Size Bed, Set of (6) Breakfast Set Chairs, Rocking Chair, Wooden Sewing Cabinet, Table & Floor Lamps, Gun Rack, Coffee & End Tables, Round maple Table, Base Cabinet, Hassock, Porch Swing, Hoover Sweeper, Floor & Window Fans, Card Table, Tent, Samsonite Luggage, Hamper, Clothes Rack, Electric Frying Pan, Can Opener, Corning Ware, 11 Pieces of Revereware, Canister Set, Cookie Jars, Meat Slicer, Floor Vases, Roast Pan, Canner, Magazine Rack, Ceramic Pitcher & Bowl Sete, Sewing Basket, Stands, Flower Stand, Mirrors, Corning Ware, Tupperware, Canning Jars, Ceramic Ware, What Nots, Ash Trays, Silverware (Wm. Rodgers), Buttons, Grill, Bread Box, Mixing Bowls, Set of Dishes, Christmas Decorations, Lawn Chairs, Pictures & Frames, Cooking & Baking Utensils, Some Dishes, Dry Goods & Other Household Goods.

ANTIQUES & COLLECTIBLES

Blank Bottom Rocker & Chair, Pie Cupboard, Library Table, Round Table, End Tables, (2) Oak Beds, (3) Oak Chairs, Camel Back Trunk, Wash Stand, Floor Lamps, What Not Shelf, Doll Cradle, Wall Tapestry, Flower Stands, Mirrors, Wash Board, Cast Frying Pans, Kerosene Lamp, Butter Churn, Roseville, Mixing Bowls, Millersburg Centennial Plate, Clothes Tree, Halls Pottery, Pressed, Carnival & Etched Glassware, Depression Glass, Figurines, Picture Frames, Doilies & Dresser Scarfs, Water Glasses, Meat Platter & Many Other Smaller Collectibles.

ORDER OF SALE: Wagon Lots, Farm Machinery, Household Goods.

Estate Of:
MARK G. SCHAEFFER
Administrator
William A. Schaeffer

AUCTIONEERS:
Mark & Dave Deibler
692-4473 — 896-8530
R.D.3,BoxT-76
Halifax, Pa. 17032

Lunch Stand Reserved

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

SAT JULY 17 Public Sale of Farmette and Lot Located near Richfield, 35 mi. north of Hbg Long Bros. Auctioneers

SAT JULY 17 - 9 30 A M Public Sale of Antiques, Collectibles, Household Furnishings and Farm Equipment Located 1½ mi southwest of Leck Kill, 8 mi east of Red Cross, 20 mi south of Sunbury Estate of Vertie J Heim Goerge and Mike Deibert, Auctioneers

SAT, JULY 17 - Public Sale of Line Equip and Trucks Located in Camp Hill, PA Vilsmeier Auction Co, Inc.

SAT JULY 17 - 10 A M Public Sale of Farm Machinery, Steers, Bulls, Some Household, etc located in York County, Pa. Take Route #216 Hanover and Glenn Rock road to Manheim School thence turning south on Manheim Road 1 mile at Wool Mill Road thence on to St John Road ½ mile to sale (Sale Signs Posted) Sale by William A Brown and Nadine M Brown, Owners, RD1 Brobeck, Pa, Clair R Slaybaugh, Auctioneer

SAT JULY 17 - 10 A M. Public Auction of Real Estate, Guns, Silver, Tools, Body Tools and Household Charles Malencore Jr., seller Nevius Auction Service

SAT JULY 17 - 1 P M Public Sale of 8 Choice Building Lots Located in Woodland View Acres along Martic Heights Drive, 2 mi west of Rawlinsville, 16 miles south of Lancaster, PA in Martic Twp Terms by Woodlawn Assoc J Everett Kreider and Steve Petersheim, Auctioneers

SAT JULY 17 - 11 A M Public Sale of Antiques, Furniture, Crystal, Glass, China and Silver Located at Rudnick's Sales Barn, Rt 213, Galena, MD Harry Rudnick and Sons, Inc, Auctioneers

SAT JULY 17 10 A.M Public Sale of Tractors, Truck, Trailer, Parts, Shop Tools, Equipment Office Furniture and Supplies Located 2 mi south of Doylestown, ½ mi. east of Edison where Rt 611 Bypass and Rt 611 meet, 275 Edison Furlong Rd, Doylestown, PA Hilton Equipment Co. Owner Ralph W Zettlemoyer Auction Co, Inc

SAT JULY 17 10 A M Public Sale of Dishes, Farm Equipment and Misc. Located in Odin, PA, 1 mi off 872, 8 mi off Rt 6 from Coudersport. Si Pepperman, Auctioneer

SAT JULY 17 and 24 - 10 A M Public Sale of Business Vehicles, Office Equipment, Machinery, Transits and Lawn Tractor Located in Ephrata, PA on NW corner of Highways 322 and 272, Brick Building south of Cloister Shopping Center. Paul K Landis and Hop Usner, Auctioneers

SUN JULY 18 2 P M Public Sale of Real Estate Located at English Center, PA ¼ mi off PA Rt 287, approx 200' south of the English Center bridge, crossing Little Pine Creek William W and Betty J Wood, Owners Bob, Chuck and Rich Roan, Auctioneers

MON JULY 19 - 5 P M Public Sale of Home Improvement Supplies Located at Green Hills Auction Center, on Rt 568 between Rts 222 and 176 just south of Reading

TUES JULY 20 - 5 30 P M. Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneer

TUES AND WED JULY 20 and 21 - 10 30 P M Public Sale of Cattle Located 2 mi. west of Chittenango on Rt 173, only 4 mi east of Manlius on Rt 173, from west, get off NY Thruway at Exit 34-A, go south on 481 to 92m then east of Manlius, then on 173 east of farm, from east, get off at Canastota, exit 34, go south on 13 to Rt 5, then west on 5 to Chittenango and then 2 mi west on 173 to farm Gates Homestead Farm, Owner Backus Associates, Auctioneers

FARM SALE

We will offer a 65 Acre Farm and many Valuable Farm and Houshold Items for sale at "PUBLIC AUCTION". Located near the Village of Warrensville, Pa. in Lycoming County, Seven miles northeast of Williamsport, Pa. Take Route 87 North from Montoursville to Loyalsockville, then cross Bridge, go straight to Warrensville and watch for AUCTION SIGNS.

SATURDAY JULY 24, 1982

Beginning at 11 a.m.

HOUSEHOLD & FARM ITEMS

TWO REGISTERED QUARTER HORSES

(STALLION) Name "KING PEGASYSORIO", Color-Bay, "DAM" — "LITTLE FURY"

(MARE) Name "SIMPLE SUE", Color — Dunn, "DAM" — "SWEET KATY DID" — Due to foal in August

FARM to be Offered for Sale at 12:00 Noon Sharp

Consisting of a Fine 65 Acre Farm with two story frame house with four Bedrooms and plenty of closets on second floor, Nice Attic, Living Room, Dining Room, Kitchen, Laundry Room, Bath, and Enclosed Porch on the first floor, Basement with Cement Floor, Oil Hot Air Furnace, Good Wood Burning Stove in Living Room. Good, never failing, well at the House, and also at the Barn. Also has a nice Spring. Well at the Barn is 90 ft. & has a submersible pump. Two car Garage, plenty of nice shade trees — Also a Summer Home with two rooms up and two rooms down, Good barn, Two Silos, Wagon Shed, Double Corn Crib, Spring House, Milk House, ¾ acre Pond stocked with Fish — Good Trout Stream through property. Approx. 45 Acres of Farm Land and 16 Acres of Wood Land which can be timbered off. This Farm is in excellent Hunting Country, and is only four miles from Rose Valley Lake, and only fifteen minutes from the Lycoming Mall.

REAL ESTATE will be offered in TWO PARCELS — House & approx. 5 Acres on one side of Hard Road, and Barn and Out Building & approx. 60 Acres on other side of Road.

AUCTIONEERS NOTE: Don't fail to look this farm over, as it is a nice farm and is in a beautiful location along a hard road. Don't forget the sale starts at 11:00 A.M. with Household and Farm Items. The Farm will be offered for sale at 12:00 pm and the PRICE IS RIGHT. To look at this Farm, Phone 717-435-0681 or call the Auctioneers.

TERMS PERSONAL PROPERTY — CASH OR GOOD CHECK - DAY OF SALE

REAL ESTATE: — TEN THOUSAND DOLLARS DOWN DAY OF SALE, AND BALANCE UPON DELIVERY OF GOOD DEED. OTHER TERMS AND CONDITIONS WILL BE MADE KNOWN DAY OF SALE.

Owner
CARL F. MANZ
R.D. #1 Cogan Station, PA.
Phone: 717-435-0681

Auctioneer: Kenneth D. Young
R.D. 1. Allenwood, Pa. 17810
Phone: 717-547-1561

PIGS

STATE GRADED SALE

FRI., JULY 23
1:30 P.M.

at
WESTMINSTER LIVESTOCK AUCTION
Westminster Md.
Ph (301)848-9820

NOW 2 FEEDER PIG SALES PER MONTH
2ND & 4TH
Mondays of
Every Month
At Caroline Sales Co.,
Denton, MD
Sponsored by:
MD Pork
Producers
"FARM FRESH PIGS DO BETTER"
Frank Copen, Mgr.
301-479-2656

Public Sales Register

Closing Date - Monday, 5:00 P M. of each week's publication

TUES JULY 20 7 P M Public Sale of Real Estate Located at 346 East Main Street, Leola, between New Holland and Leola along Rt 23, Lancaster County, PA Martin H Weaver, Owner Robert E and Jeffrey R Martin and Frank L Steller, Auctioneers

WED JULY 21 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

WED JULY 21 9 A M and THURS JULY 22 9 30 A M Public Sale of Antiques, Primitives and Antique Furniture Located at Troxelville Antiques, Troxelville, PA, Snyder Co Joe Herman, Owner Wayne Hess and Earl Early Auctioneers

THURS JULY 22 - Public Sale of Const Equip and Trucks Located in Wilmington, DE Vilsmeier Auction Co, Inc

THURS JULY 22 1 P M Public Sale of Farm and Farm Equipment Located in Manor Twp, Lancaster Co, PA, take Rt 30 west from Lancaster to Prospect Rd exit, go south on Prospect Rd, approx 3 mi to Franklin Rd, turn right, 1 mi to farm Barry A Solodky, Esq Raymond Miller and Rufus Geib, Auctioneers

THURS EVE JULY 22 - 8 P M Lew Brown 16th Annual Holstein Bred Heifer Sale to be held at Smoketown Quality Dairy Sales along Rt 340, 6 miles east of Lancaster, Pa Lancaster County Gordon and Helen Fritz, Sales Managers, Carl Diller and Paul Snyder, Auctioneer, Henry Ketter ing, Pedigrees

FRI JULY 23 Public Sale of Cattle Located at Ft Louden, Franklin Co, PA, along Rt 30, Parnell Mt - S Minor Robinson, Owner Ralph W Horst, Auctioneer

FRI JULY 23, 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers

FRI JULY 23 7 30 P M Sale of Cattle Located at Penns Valley Livestock Auction, Centre Hall, PA 814 364-9096

FRI JULY 23 Public Sale of Const Equip Located in Accident, MD Vilsmeier Auction Co, Inc

FRI JULY 23 10 A M Auction Inventory Reduction located 3 miles east of Lancaster, just south of Route 340 at 131 Elmwood Road, East Lampeter Twp Lancaster Co, Pa Sale by Roy E Ulrich Supply Co, Inc, Owners, Diffenbachs, Auctioneers

FRI JULY 23 1 30 P M Public Sale of Pigs Located at Westminster Livestock Auction, Westminster, Md

FRI JULY 23 11 A M Public Sale of Cattle Located 12 mi west of Chambersburg, Franklin Co PA, 2 mi east of Fort Louden along U S Rt 30, S Minor Robinson, Owner Ralph W Horst and V Art Kling, Auctioneers

JUNIATA CO. FARMETTE WEEKEND RETREAT & ACREAGE

PUBLIC SALE

SATURDAY, AUGUST 14

Located near Honey Grove, 60 mi. west of Hbg.

PARCEL #1 - 14 ac. mostly cleared, 7 room dwelling & bank barn in poor cond.
PARCEL #2 - 5½ ac. mostly cleared, 5 room dwelling in fair cond.
PARCEL #3 - 10 ac., ½ cleared, exc. bldg. site. Located in exc. hunting & fishing area.

For complete info. contact:
Long Bro., Auct.
RD#2 Port Royal, Pa. 17082
Ph. 717-527-4784

AUCTION

OF REAL ESTATE

SUNDAY, JULY 18, 1982

2 P.M.

To be held at English Center, Pa.

LOCATION: This property is located ¼ mile off Penna. route 287, approximately 200 feet south of the English Center bridge, crossing Little Pine Creek, watch for auction arrows.

OPEN HOUSE: Sunday, July 11, 1982 from 2 to 6 P.M.

PROPERTY DESCRIPTION: Situated on approx. ½ acre is a 1½ story frame dwelling as follows: first floor contains living room with wall to wall carpeting, knotty pine walls, kitchen with inlaid tile floor, stainless steel sink with formica counter tops, knotty pine paneling, family room with wall to wall carpeting, knotty pine paneling, half bath and powder room; second floor contains 2 sleeping rooms with paneled walls; basement, concrete floor, block foundation; Unitron oil fired combination warm air and hot water converter type system, partially finished basement game room, automatic water heater, total 7 rooms; 2 bedrooms, 1 full bath. Storm doors and windows, also included is a 2 car frame garage, 24'x24', concrete floor, 2 overhead doors.

This property is approx. 200 ft. from Little Pine Creek in the heart of hunting and fishing country, Pine Township, Lycoming County. This property is owned by William W. Wood and Betty J. Wood. CONDITIONS OF SALE: The sale shall be subject to court approval. There will be a 10% deposit required at time of knock down, balance upon delivery of clear deed. Other conditions given on day of sale.

Mr. Merrill C. Embick, Master in Partition

For further information contact the auctioneers.

Bob, Chuck & Rich Roan, Inc.
Licensed & Bonded Auctioneers
Box 118 R.D. #3
Cogan Station, Pa. 17728
Phone 717-494-0170

MID-SUMMER DAIRY SALE

THURSDAY EVENING, JULY 29, 1982

7:30 P.M.

Selling at Art Kling's Sale Barn, located 2 miles Northeast of Landisburg, Perry Co., Pa., 12 miles North of Carlisle on Pa. Rte. 74:

60 HEAD 60

TOP QUALITY REGISTERED & GRADE HOLSTEINS

Featuring a load of Fancy Canadians - Mostly all Registered - Sired By: Puget Sound Shiek, Bond Haven Royal Star, Dairy King Admiral Citation, Almerson Marquis Prince, Clinton Camp Majesty and Many More!

Several First-calf Heifers in this group - All Fresh or Very Close.

Plus a Load of Big, Strong N.Y. State Cows & Heifers from the Cortland Area. Some milking right at 100 lbs. per day!

10 First-calf Grade Heifers - hand picked from one Herd in Northern Pa. - All will be fresh by Sale Date; Some from dams with over 20,000 lb. Records!

2 Purebred Stock Bulls * Several Heifer Calves

V. ART KLING, Owner
Landisburg, Pa.
(717) 789-3883
Mark Glick, Auctioneer
Fred Naugle, Pedigrees

AUCTION SALE

BUILDING MATERIAL

GARDEN SUPPLIES, CARPET, WICKER

WHOLESALE INVENTORY APPROXIMATELY $407,000 00

TUESDAY, JULY 27, 1982 - 10 A.M.

ON FREMISES

MILLHURST MILLS, MILLHURST, N.J.

DIRECTIONS: MILLHURST MILLS IS 3½ MILES WEST OF FREEHOLD TRAFFIC CIRCLE ON HIGHWAY 33; 9½ MILES EAST OF HIGHTSTOWN EXIT NO. 8 N J. TURNPIKE. FROM FREEHOLD, TURN LEFT ONTO RT 527; FROM HIGHTSTOWN TURN RIGHT AT LIGHT ONTO RT 527 FOR ABOUT ¼ MILE

SALVAGE STOCK SHOWING LITTLE OR NO DAMAGE COMPRISING IN PART:

SIDING, LUMBER, PLYWOOD, ROOFING

640 Sq. Alum. & Vinyl Siding - White & Colors, 320,000 L.F. Hvy. W.P. & Vinyl Mouldings, 88,000 B.F. 2 x 4 to 2 x 10, 8' to 20' Dimensional Lumber, 2,000 B.F. Redwood, 48,000 S.F. Bevel T & G & Channel Siding - Cedar & Pine, 12,800 S.F. T-111 Siding - Redwood, Fur & Y.P., 10,200 S.F. 4 x 8 Wood Paneling, 38,000 S.F. 3/8" to 3/4" Exterior Plywood, 9,600 S.F. 4 x 8 x 3/4" Underlayment, 1,400 S.F. 3/4" Birch Plywood, 21,000 S.F. ½ x 8" & 12" Primed Siding, 15,000 S.F. 4 x 8 x 7/16" Ext. Aspenite, 31,000 B.F. Urethane & Styrofoam Insulation 1" to 3½", 5,000 Pcs. 3 5/8" to 1 5/8" Metal Studs 8' to 16', 160,000 L.F. Sheetrock & Plaster Corners & Channel Accessories, 800 Pcs. Metal Lath 27" x 96", 800 Pcs. Wood Jambs, 950 Int. & Ext. Wood Doors, 10 Ext. Pre-Hung Insulated Metal Doors, 86 Insulated (Bully) White & Brown Combination Storm Doors, 1,250 Bdles. Asphalt Roof Shingles, 450 Rolls Roofing paper, 18,000 Lb. Galv. Roof & Sheetrock Nails.

GARDEN SUPPLIES, FIREPLACE EQUIP., TILE

Large Stock of Garden Supplies ($82,000. Wholesale Value) - 800 Bags Ortho & Scott's Fertilizers & Turf Builders, Quantity of Ceramic Flower Pots, Planters, Etc., Wicker Goods, Hoses, Birdhouses, Poultry Feeders, Watering Cans, 480 Bags- 25 & 50 Lbs. Purina & Sportsman Dog, Cat & Horse Food, 580 Hart Fireplace Screens, Baskets & Tool Sets, 5 Elec. Furnaces, 80 Rolls 3' to 12' Bamboo Curtains, 250 Ctns. Ceramic Floor & Wall Tile, 200 Ctns. Ceiling Tile, 300 Ctns. White Ceiling Grid Sets, 180 - 2 x 4 Lite Fixtures, 210 Ctns. Decorative Brick, 1,800 Yds. Carpeting in Full & Part Rolls.

INSPECTION SUNDAY, JULY 25 - 10 A.M. to 4 P M
MONDAY, JULY 26 - 9 A M to 4 P M
TERMS CASH OR CERTIFIED CHECK
25% DEPOSIT REQUIRED

Wm. F. COMLY & SON INC
Auctioneers
1826 E. BOSTON AVE., PHILA., PA. (215) 634-2600

FLANGO FARM COMPLETE DISPERSAL

TUESDAY, JULY 27, 1982

Noon

DIRECTIONS: 2 miles south of Houtzdale, off Rt. 253...OR Exit 19 (Clearfield) off I-80. All cattle are vaccinated, 30-day tested for interstate shipment and pregnancy checked. Cert.-Acct.

40 — REGISTERED HOLSTEINS — 40

30 — MATURE FEMALES — 30

This herd reflects the great influence of Romandale Reflection Marquis. It exhibits tremendous depth of cow families, three families total over 30 members. In all, there are daughters of five different Excellent cows selling.

THE KINGPIN SALLY FAMILY

Twelve descendants of **Windymount Kingpin Sally (EX)** sell...11 females and 1 young bull.

The foundation is by Kingpin with records to over 23,000m 900f. Among her daughters selling is **Flango Marquis King Supreme (EX-92 EX-MS)** with 5.9 17,488 4.2% 740. Supreme is due in September to Milu Betty Ivanhoe Chief. The young bull selling is her Valiant son.

Supreme and her VG-87 Molly Chief were 1st daughter-dam at the 1981 Central PA Championship Show. The Molly Chief sells due in June to Browndale Sire Christopher.

THE BONNIE FAMILY

Allendairy Rich B Bonnie (EX EX-MS) 6-7 286d 3.4% 533 is the brood cow behind the Bonnie family. She is by Lockway Rich Ivanhoe and is due in November to Plushanski Persuader.

Bonnie sells along with three daughters, 2 granddaughters and 2 great-granddaughters. The outstanding members of the family include a GP-83 Glendell who is a strong candidate for high VG.

Also selling is the Glendell's 2-year-old Marvex daughter who looks to be an exceptional show prospect. She sells with her tall, strong, April 27, Triple Threat daughter.

THE BLOSSOM FAMILY

Jaomis Barrie Blossom (VG) 5-6 305d 15,096 3.8% 569 is the fountainhead of the Blossom Family. She has an EX MArquis maternal sister. Their Dam was VG by Posch Sovereign Ivanhoe with over 20,000m.

The many outstanding members of the Blossom Family include four daughters by Dutchoe, Matt Tippy, Woodbine Pearl Comet and Conductor.

Many daughters and granddaughters of these cows sell.

BAA: 105.7%

Owners:

MARGRET, JOHN & RONALD FLANGO
P.O. Box 39, Ramey, PA 16671
814-378-5628

For catalogs, contact Sale Managers:

John G. Gilliland
Warriors Mark, PA 16877
814-632-8686

Roger T. Green
Warriors Mark, PA 16877
814-692-8576

V. Art Kling, Auct.
Landisburg, PA 17040
717-789-3883

Pedigrees:
William Kent
Bergen, NY

PUBLIC BANKRUPTCY AUCTION

THURSDAY, JULY 22, 1982

at 1 p.m.

94 ACRE FARM & FARM EQUIPMENT

Located in Manor Twp. Lancaster Co., Pa. Take Rte. 30 West from Lancaster to Prospect Road Exit, go south on Prospect Rd. approx. 3 miles to Franklin Rd. Turn right, 1 mile to farm. Watch for signs.

Real Estate consists of 94 acre farm with 89 acres tillable, balance in pasture. Land in high state of cultivation. Thereon erected 2½ story stone & brick dwelling. 1st floor consists of kitchen, large living room, family room & 2 storage rooms. 2nd floor has 5 bedrooms & bath.

Large bank barn with slate roof. 24'x50' tobacco shed with cellar. 28'x72' tobacco shed. 36'x96' tobacco shed.

Farmstead 24'x248' farrowing to feeder pig hog house with 96 free stalls. Manure pit under entire building. Complete with feed bins & fans. Building 3 yrs. old.

Anyone wishing to inspect house may do so July 17, 1 to 4 p.m.

This farm will be offered in two parts.

Terms: 10% down, balance at settlement.

I.H. 70 Hydro - 2500 hrs. w/duals, I.H 504 Utility tractor w/2000 hydraulic dump loader, Model 2100 Better Bilt liquid spreader, 500 bu. portable grain dryer, I.H. 3 pt. cultivator, I.H. 430 baler, I.H. Model 175 manure spreader, N.H. 36 chopper, N.H. 3 pt. 450 mower, J.D. disc harrow cultipacker, I.H. 25 offset disc, 3 section spring harrow, N.I. 5 wheel rake, I.H. 55 chisel plow, Oliver 3 bottom roll over plow, water tank w/gas engine & pump, flatbed trailer, 38' Little Giant elevator, 16' Cardinal elevator, flail chopper, PTO trailer mounted generator, other small items. 1976 Dodge Aspen Wagon.

Not responsible for accidents.

Sale by order of
Barry A. Solodky, Esq.
Trustee in Bankrupty
R.E. Howard M. & Betty Long
Bankrupt No. 82-D2081

Auct.
Raymond Miller - 653-8762
Rufus Geib

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS
Glassware & Misc. Items
SAT., AUG. 7, 1982
11:00 A.M.

Located one mile South of Bareville. From Rt. 23 take S. Groffdale Road South to Eby Road. Turn right on Eby Road. Sale at first farm on left. Former Stoltzfoos Ice Cream Farm.

HOUSEHOLD — Kel. electric refrigerator; bottle gas stove; drop leaf table; extension table w/10 boards; 100 year old desk; 12 old fashioned chairs; 6 kitchen chairs; rocking chairs; high chairs; and odd chairs; beds; box spring and mattress; dressers; chest of drawers; cedar chest; clothes closets; stainless steel; cookware; old dishes; pots and pans; gas lights; electric lights; end tables, and night stands.

MISC. ITEMS — old hay fork; deep sea fishing rod; wooden shoes; snow shoes; storm windows; carpets and rugs; old clocks; papers dated 1913; pie cupboard ice cream pails; post cards; wash bowl; yarn and many other small items.

Sale by
BENJAMIN & EMMA STOLTZFUS
Auctioneers
John P. Lapp
Alvin L. Stoltzfus
717/656-7205

AUCTION

FRIDAY, JULY 23, 1982
10:00 A.M.
INVENTORY REDUCTION

Located 3 miles east of Lancaster, just south of Route 340 at 131 Elmwood Road. East Lampeter Twp., Lanc. Co., Pa.

Hydraulic pumps and parts by Borg-Warner, Commercial, Gresen, Hydreco, Hydura, Miller, Rexroth, Sundstrand, Tyrone, Vickers, Webster, and Williams;

Prince P.T.O. pumps; Thexton Barrel pump; hydraulic motors and parts by Brown & Sharpe, CharLynn, Commercial, Energy, Gresen, Ross, Sundstrand;

Directional control valves; flow control valves; selector valves; relief valves; check valves; ball valves; lock-out valves; flow divider valves and valve parts by Ampro, Appolo, Barkesdale, Brand, CharLynn, Control Concepts, Deltrol, Energy, Gresen, Miller, Parker, Rucker, Teledyne, Vickers, Williams;

Plumber's gate valves; Air valves by Miller, Preutrol, Schrader; hydraulic cylinders by Lion, Miller, Vickers; snowplow cylinders by Monarch; chrome cylinder rod; Dom cylinder tubing; oil filters and elements by Baldwin, Cross, Conaldson, Gresen, Schroeder, Vickers; hydraulic oil; motor oil; International Gy-tras oil by Autoline;

Oil tanks; power steering units and steering columns; power steering seal kits for Ford & GM; power take off by Chelsea; hand jacks by Black Hawk; Ajax; hydraulic oil hose and fittings by Aeroquip, Anchor, Dixon; air hose and fittings by Miller, Schrader; adapters by Aeroquip, Anchor, Hydraulics, Inc., Weatherhead; schedule 40 & 80 pipe; pipe nipples, elbows, tees, bushings, plugs, caps, unions, etc.; tridon pipe clamps; pipe hangers;

Pressure gauges by Schrader, VDO, Weiss; gauge insolators & snubbers; 16 HP Briggs & Stratton; Pioneer quick couplers; chain & strap wrenches; roller chain; plastic v-belting; sheaves & sprockets & bushings by Browning, Woods; spicer u-joints; 5/16" steel cables; Chevron vee packing; Polypak seals (regular, deep & B style); u-cups; cylinder cups; piston rings; quad rings; O-rings; leather back-up washers; rod wiper seals; snap rings; seals by Chicago Rawhide; gasket material; air regulators; air logic controls; speed sleeves; steel balls (3/32"-1"); motor/pump adjustable sidemounts; flexible shaft couplings by Browning, Certified, Dodge; Meyers snowplow parts; pressure switches; battery cable & clamps; fuel additives; cleaning agents; cotter pins; roll pins; woodruff keys; copper washers; grease zerks; lag bolts; locknuts; cap screws; machine screws; set screws; band saw; & hydraulic shop lifts.

ROY E. ULRICH SUPPLY CO., INC.
Owners
Phone: 393-0401
Diffenbachs, Aucts.

All buyers must have proper I.D. Out of state buyers current bank letter, cash or certified check.

Lunch Available

GAP AUCTION

FRIDAY EVE., JULY 23
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

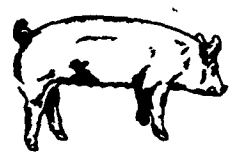
ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

Yorkshire SALE



BRED GILTS, BOARS, OPEN GILTS
FRIDAY, JULY 30, 1982
6:00 P.M.
Lebanon Fairgrounds, Lebanon, Pa.
Also junior & adult live evaluation contest.
Thursday, July 29th 10:30 A.M.
For catalogue or information
Call Leon L. Arnold, Sec.
(717) 273-5880

ANTIQUE AUCTION

To be held at Troxelville Antiques, Troxelville, Pa., Snyder Co.
WEDNESDAY, JULY 21
At 9:00 A.M.
ANTIQUES PRIMITIVES

Jelly Cupboards, Wash stands, Corner Cupboards, Two Piece Cupboards, Low and High dry Sinks, Blanket Chests, Dropleaf Tables, One & Two Drawer Night Stands, Wood Boxes, School Masters Desks, Copper Wash Boilers, Medicine Cabinets, Copper Kettles, Rope Beds, Sets of Plank Bottom Chairs and Rockers, Decorated Crock & Jugs, Most of them Signed, Lots of Quilts, Picture Frames of all Kinds, Spongeware, Benningtonware, Blue and White Graniteware, Spool Cabinets, Cut Glass, Pressed Glass, Carnival Glass, Trunks, Depression Glass, New Imported Rugs — Handmade, Floor Lights, Cradles, Lots of TInware, Old Baskets, Iron Kettles, Baby Buggys, Benches, Water Bnech, Clocks of all Kinds, Music Instruments, Chest of Drawers, Kerosene Lamps, Tiffany Type Table and Hanging Lights, Waffle Irons, Peanut Butter Cans, Tobacco Cans, Old Doll Babys, Butter churns, Dough Boxes, Redware Crocks, Spinning Wheels, Flax Wheels, Decorated Decons Bench, Quilting Frames, Quilting Racks, Old Tools, Hundreds of Other Items Not Mentioned.

THURSDAY, JULY 22
At 9:30 A.M.
ANTIQUE FURNITURE

Record Players, Picture Frames, Leaded Glass Windows, Bedroom Suites, Oak, 1930 Decorated, Square and Round Tables, Hump Back Trunks & Flat Top Trunks, Sets of Chairs & Odd Chairs, Sideboards, Bookcase Desk Combinations, Sewing Machines, Kitchen Cabinets, Lvoe Seat Sets, Hand Racks, Brass Beds, Iron / Brass Beds, Larkin Desks, Ladies Desks, Round & Square Stands, Washstands, Dresses, Chest of Drawers, Beds, Stack Bookcases, Floor Lights, China's, all Kinds of Wicker Furniture, Wardrobes, Wicker Baby Buggys, Library Tables, Showcases, medicine Cabinets, Dropleaf Tables, 1930 Dining Room Suites, Flat Top Desks, Bamboo Pieces, Doors, Organ Stools, Hundreds of Other Items Not Mentioned.

JOE HERMAN, Owner
Phone (717) 658-7141

TERMS: Cash, Traveler's Checks, Certified Checks, or Bank Letter Stating Financial Status. NO Out of State Checks Unless Approved by Owner.

Auctioneers: Wayne Hess, and Earl Eash
Sale Held Indoors, Chairs Furnished
Lunch Served

Public Sales Register

Closing Date - Monday, 5:00 P.M
of each week's publication

FRI JULY 23 - 10 30 A M Public Sale of Cattle Located on the former Twin Ponds Farm, now operated as Upsala College, Wirths Campus on Compton Rd., off Rt 565, 3 mi SW of Sussex, NJ Paul and Ann Lawrence, Owners Col Fred R Daniel Auctioneers Inc

SAT. JULY 24 - Public Sale of Line Equip. and Trucks. Located in New Paltz, NY Vilsmeier Auction Co., Inc.

SAT JULY 24 - 9 30 A M Public Sale of Farm, Antiques, Collectibles, Furniture, Appliances, Household, Farm Machinery, Related Items, Building Materials and Cattle Located take Rt 487 south from Catawissa, go 4 mi to Southern Area Schools, turn on Bethel Rd, go 1 mi, turn right to the farm Mrs. Amy E. Campbell, Owner. Donald E. Hock and George J Henry, Auctioneers.

SAT JULY 24 - 9 30 A M Public Auction of Contractor's Equipment and Household Items Located at 17 Clarks Crossroads Askam, Wilkes Barre PA 181 exit 44 south (Nanticoke Eixt) to Dundee, Sans Souci Parkway, turn at Exxon gas station Watch for aucton arrows Michael Kupinewicz, seller Nevius Auction Service.

THURS, FRI & SAT JULY 22, 23 & 24 10 A M Public Sale of Hardware, Warehouse Supplies and Merchandise Located at 505 penn St, Reading, Pa Stichter Hardware, Owner LeRoy S Horst and Henry Gehman, Auctioneer

SAT. JULY 24 11 A M Public Sale of Household, Farm Items and Horses Located near the village of Warrensville, PA in Lycoming Co., 7 mi northeast of Williamsport, PA, take Rt 87 north from Montoursville to Loyalsockville, then cross Bridge, go straight to Warrensville Carl F Manz, Owner Kenneth D Young, Auctioneers

SAT JULY 24 - 12 30 P M Public Sale of Cattle. Located at Guernsey Sales Pavilion, Lancaster, PA Cavencrest Canadian Classic RWDCA

SAT JULY 25 - 9 30 A.M. Public Sale of Garage Equipment and Auto Electrical Testing Equipment Located 825 Jessop Place, York, PA, formerly Penn Auto Electric Monroe Myers, Owner Blaine N. Rentzel, Auctioneer

MON JULY 26 - 10 A M Public Sale of Shop, Office Equipment, Truck and Pickup. Located at 325 Godshall Dr, off Rt. 63, 2 mi west of Lansdale exit of the NE Exit. of PA Turnpike, Harleysville, PA McVaugh Manufacturing Co., Inc., Owner Sanford A. Alderfer, Inc., Auctioneers.

TUES. JULY 27 - 12 Noon Public Sale of Cattle. Located at R.D 1, Ramey, PA, Clearfield Co. R T. Green, John G. Gilliland and V. Art Kling, Sale Managers.

TUES. JULY 27 - 10 A.M. Public Sale of Building Material, Garden Supplies, Carpet, Wicker and Wholesale Inventory Located 3½ mi. west of Freehold traffic circle on Hwy 33, 9½ mi. east of Hightstown exit #8 NJ Turnpike, from Freehold, turn left onto Rt. 527, from Hightstown turn right at light onto Rt. 527 for about ¼ mi. Millhurst Mills. Wm F. Comly and Son, Inc., Auctioneers

TUES. JULY 27 - 5 30 P M. Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneer.

WED. JULY 28 - 7 P.M Public Sale of Real Estate Located along Weaver Rd., R.D 1, Strasburg, Strasburg Twp, Lancaster Co, PA, take S. Decatur St onto May Post Office Rd., about 3 mi south of Strasburg, turn right onto Weaver Rd about 1 mi. to sale Allen L. and Linda J. Means, Owners Howard Shaub and Roy C Probst, Auctioneers

THURS. JULY 29 - Public Sale of Cattle Located in Landisburg, Perry Co, PA V Art Kling, Owner Mark K Glick, Auctioneer

FRI. JULY 30, 5 30 P.M Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, ira Stoltzfus & Son, Auctioneers

FRI. JULY 30 - 7 P M. Public Sale of Wood Lot Located 1 mi. east of Gap, approx. 800' off or Rt 30 in Salisbury Twp., Lancaster Co., PA John V Resser Estate Robert E and Jeffrey R Martin and Frank L Steller, Auctioneers

PUBLIC SALE

OF GOOD USED FARM MACHINERY
ON SATURDAY, JULY 24, 1982
11:00 A.M.

Located on the farm of Dan P. Zook. Located on Rt. 655 7 miles southwest of Bellville and ½ mile northeast of Allensville, PA.

THE FOLLOWING TO BE SOLD: IH 1086 diesel tractor, approximately 1700 hrs. w/cab, air, stereo, tire size 20.8-38 in excellent condition. IH 84 hydro diesel w/approx. 700 hrs. tire size 15.5-30. Like new. AC 190X diesel in good condition. IH model 430 baler w/thrower. IH model 550 forage harvester w/2R corn head, grass pickup and direct cut. Fox model 2000 forage harvester w/nice grinder 2R corn head and pickup. Fox model 90 harvester w/2R corn head and pickup. JD model 38 forage harvester single row cornhead. Hesston model PT 10 9' mower conditioner. Owatonna, 9' mower conditioner, very good. Amco model F-17 transport disc, 12' wide like new.

INTERNATIONAL CREDIT CORP.
Cherry Hill, NJ
609-424-3900
Auctioneer: Mark S. Yoder
717-483-6269
Daniel P. Zook
717-483-6791

In the matter of MacClay and Sons
Terms of Sale: All sales final. Cash or good check. ID required. No machinery to be removed till settled for day of sale.

Property owner and auctioneer not responsible for any accidents day of sale.

BERKS COUNTY SALE

Sale facilities behind Fairgrounds Mall just off Route 222 east of Reading, Pa. (Old Reading Fairgrounds).

THURSDAY NIGHT, JULY 29, 1982
7:30 P.M.
49 HEAD OF REGISTERED HOLSTEINS SELLING

Sired by the best the breed has to offer; Elevation, Astronaut, Bootmaker, Persuader, Marvex, Creek, Betty Chief, Jet Stream, Conductor, Jerry and others.

6 fine young cows with records to 707F
39 bred and just-fresh heifers
Bred for Production
20 from dams with records from 19,000M to 33,000M
12 from dams with records from 800F to 1153F

These cattle have been carefully selected from among the best that Berks County and surrounding area breeders have to offer. They are sired by popular sires and from consistently high producing cow families. Past Berks County sales have provided an opportunity to buy good cattle and develop them as witnessed by these three from previous sales:

1977 - Gettell Jill - EX 2-10, 365, 22,758, 11. 1978 - Plushanski Persuader Rosalind - EX 92, 3-8, 296, 23,699, 3.7, 868. 1980 - Secret Valley Persuader Tammy - VG 88, 3-9, 365, 26,972, 4.9, 1325

Who knows what opportunity lies ahead for this year's consignments?

Sale Sponsored by Berks County Holstein Club

Sale Manager
REMSBURG
SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
Ph. 301-473-8214

Sale Chairman
LAVERNE G. MOSER
Box 104
New Berlinville, Pa.
Ph. 215-367-0134

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI JULY 30 - 6 P M Public Sale of Swine Located at Lebanon Fairgrounds, Lebanon, Pa PA Yorkshire Coop Assn Inc

SAT. JULY 31 - 11 A.M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers

SAT JULY 31 - Public Sale of Vehicles. Located in Wrightstown, PA Vilsmeier Auction Co., Inc

SAT JULY 31 9 A M Public Sale of Tractor, Mower, Butchering Tools, Blacksmith's Tools, Antiques and Household Goods Located at Corner of River Rd and Maple Spring Rd. R D 1, Pequea, Lanc Co, Pa Take Rt 324 south of Lancaster to Martic Forge Hotel, turn left onto River Rd., go 1 mile to sale. Mrs. Frank B. Smith Jr., Owner Howard Shaub and Roy C Probst, Auctioneers

SAT. JULY 31 - 10 A.M Cohocton, (Steuben Co) New York Boos Farms Complete Disprsal of potato and grain farm machinery, for information contact Pirrung Auctioneers, Inc Box 365, Wayland, N Y

SAT JULY 31 8 30 A M Public Sale of Antiques, Bank Stocks, Coins, Certificates, Sate, Modern Household, Tools, and Etc Located at 400 West King St in the borough of East Berlin, Adams Co, PA Sarah C. Leas Estate Clair R Slaybaugh, Auctioneer.

SAT JULY 31 - 9 30 A.M. Public Sale of Real Estate. Located along old Rt. 16 just west of Zullinger, PA in Washington Twp., Franklin Co. Wilmer K., Hubert, Herman, Thomas and Donald Barlup and Lulu Kahl, Owners. Edgar J. Stull, Auctioneer.

SAT JULY 31 - 10 A M Public Sale of Farm Machinery, Tools, Butchering Equipment, Household Goods, Antiques and Collectibles Estate of Mark G Schaefer Mark and Dave Deibler, Auctioneers

SAT JULY 31 - 9 30 A.M Public Sale of Farm Equipment, Antiques, Books, Furniture, Appliances, Household and Dishes Located approx 2 mi south of Boiling Springs, go toward Mt. Holly Springs on Park Dr., Creek Rd, turn south on Petersburg Rd., then left on Tanger Rd to 2nd farm William A. Sponaugle, Owner. John B. Niesley Auctioneer.

AUGUST

WED AUG. 4 - 9 A.M. Consignment Sale by David H Good located 1½ mile North of Route 23 on North Maple Ave. in Leola Lancaster Co., PA Watch for sale signs F. Snyder, R Martin, C. Wolgemuth J. Fry and L Horst, Auctioneer

SAT. AUG 7 - 9 A M. Public Sale of Real Estate, Household Goods, Antiques and Shop Tools. Located along Rt. 897, approx. 1 mi south of Terre Hill Frances Hurst, Owner. Lamar Z. Sensenig and Paul W. Horst, Auctioneers

SAT. AUG. 7 10.30 A.M. Public Sale of Real Estate and Farm Equipment. Located on County Road 405, Raughley Hill Rd., approx. 2 mi. north of Harrington, DE Mr. and Mrs. Fred Martin, Owner. Harry Barrett and Anthony B Carroll, Auctioneers.

SAT AUG. 7 - 11 A.M Public Sale of Antiques, Household Goods, Glassware and Misc. Items. Located 1 mi. south of Bareville, from Rt. 23 take S Groffdale Rd south to Eby Rd, turn right on Eby Rd., sale at 1st farm on left, former Stoltzfoos Ice Cream Farm. Benjamin and Emma Stoltzfus, Owner. John P Lapp and Alvin L. Stoltzfus, Auctioneers.

SAT AUG. 7 - 9.30 A.M. Public Sale of Real Estate. Located in front of the Franklin Co. Court House in Chambersburg, PA. Barbara C. Smith Estate J. Robert Meyers, Auctioneers

SAT. AUG. 7 10 A.M. Public Sale of Coins. Located at Lykens Valley "Shop & Play" Hall, Rt. 209, Lykens, PA Carrie V. Dockey Estate. Lee D. Dockey, Auctioneer.

10x35 Trailer
G.M.C. Pickup

2 Snow Mobiles
Yamaha 1979

RAIN or SHINE!
To Be Sold at 1 P.M.
1975 Crestliner Boat
1976-GL-1000
Honda - Loaded

PUBLIC AUCTION

SAT., JULY 24
9:30 A.M. "SHARP"

17 CLARKS CROSSROADS — ASKAM, WILKES-BARRE, PA.

I-81 Exit 44 South ("Nanticoke Exit") To Dundee, Sans-Souci Parkway. Turn At Exxon Gas Station, Watch For Auction Signs All Auction Route.

1976 HONDA GOLDWIND - GL-100
7000 Miles Loaded Like New
SOME HOUSEHOLD ITEMS AND ANTIQUES
7 pc. ANTIQUE WICKER SET
LARGE CONTRACTOR'S AUCTION
We Have It All..."Almost"

Contractor's Trailer - Drawing Bd., Air Conditioned, Desk, The Works, 8'x30' - Like New. 1975 17 ft. A.M.F. Crestliner Inboard-Outboard Boat - 165 H.P., Full Mooring Cover, E.Z. Loader Trailer, 33 hrs. Running Time, Everything You Need, (Like New) A Beauty, 6000# Wench on front. 1971 G.M.C. Pickup - 4 wh. drive. 2 Power Buggies for hauling cement, front dump, 10 H.P. Over 400 4x4x8s half treated, half reg. Cement Ties, Chairs, Cast Floor Drains, A-Clamps, C-Clamps, Scaffold Planks, Brackets, Pipe Scaffold, Many Pcs. 3/4" Plywood, 8 H.P. Toro Snow Thrower (New), 5 H.P. Parker Shop Sweeper (Like New), 150,000 BTU Salamander Heater, 19,500 BTU Kerosene Heater, Many 8' House Screw Jacks, Picks, Shovels, Sledge Hammers, Many Small Hand Tools.

2 8' Trim A Brakes, 50# Boxes of Nails, Many 2x4s - 12 ft. & 16 ft., Many 12' Steel Studs, 3" & 4" P.B.C. Pipe - 10 ft. long), Formica, New & Used Tarps, 2 Sets Scaffold on Wheels, Nylon Banding & Banding Tools, Hundreds of Sand Bags, Recess Lights for walls & ceiling, Tie Wire, High Pressure Hose, 50-gal. Drum & Pump, 3x4 Floor Dollies, 7 ft. Picnic Table, 2 1979 Yamaha Snowmobiles - like new, 340 c.c. Double Snowmobile Trailer - like new, Hand Carts, P.V.C. Fittings, Water Pump, 6 ft. - 8 ft. - 10 ft. Heavy Duty Step Ladders, 130 sq. ft. T and G Pine Plank Bds. - new, Vice, Many C-Clamps, New Unicycle, Air Horns, Pole Climber's Outfit, Elec. Wiring, 4x8 Fluorescent Lights, Office Desk & Chair, Hand Tank Sprayers, ¾" Rubber Hose, 80 lb. Ingersol Cement Buster, 6 Rolls Reinforced Polly, 22,000 BTU Kerosene Heater, 8 5,000 & 10,000 BTU Elec. Heaters.

Sears 12" Radial Arm Saw with Base Cabinets & 3 Drawers, Welding Gauges and Hoses, 2 Sears 2-H.P. Air Compressors (like new), Milwaukee Auger Bit Set (new), Rockwell Porto Band Saw & Stand & Case (like new), Rockwell Belt Sander & Bag, Hilti Fastner Gun (new), 3 Husquarna Chain Saws Mod. 65, Hilti Hammer Drills, Cement Floats, Baseboard Elec. Heaters, Ext. Cords, Air Tools, New Sears Spray Guns, Cases of Carbide Saw Blades, Drywall Screwgun, Box of Taps & Dies - new, Sears 14-Drawer Cab, Tool Case on Wheels, Rockwell Jig Saw, Macculla Power Blower, 2 200 amp. service Elec. Boxes, Square D, Ropes, Chains, Log Chains, Wallpaper Table, 8" Scaffold Wheels, Rebar Bender, Rubbing Stones, Macculla Generator - 3,300 & 2,000 watt, 2 1-Ton Chain Hoists with Hangers - new, Path Auto Level Transit, Husquarna Cutoff Saw, Selex 1100 L.D. Copy Mach. - Plain Bond - like new.

HOUSEHOLD ITEMS

7-Dr. Kneehole Desk, Chair, Dishes, Glasses, Old Bottles, Odd Chairs, Pictures, Xmas Dec., 14c.f. Refrigerator-Freezer, Beautiful Antique Wicker Set, Round End Sofa, 3 Chairs, 2 Tables, Foot Stool - must see this, Rocking Chairs, Old Table, Atari Video Game - like new, Large RCA Stereo - Radio - Record Player - 8' long - nice.

MANY ITEMS TOO NUMEROUS TO MENTION

Statements made day of sale take precedence over previously written material.

NOT RESPONSIBLE FOR ACCIDENTS
Terms of Sale — Cash

NEVIUS AUCTION SERVICE
AUCTIONEERS — LICENSED AND BONDED
(717) 752-4214 - Box 187, Mifflinville, PA. 18631

Dan Nevius	Olen Knecht	Gerry Gizenski
(717) 752-4214	(717) 683-5995	(717) 477-2624

GIVE US A CALL — WE DO IT ALL
Farms - Antiques - Household - Real Estate - Heavy Equipment
"A Complete Auction Service"
CLERK - Jay Leiby
Seller:
MICHAEL KUPINEWICZ
"Seller Going Out of Business"
LUNCH - YES
(Note - DON'T MISS THIS AUCTION)

PUBLIC SALE
OF REAL ESTATE

The Executors of the will of Barbara C. Smith, deceased, will offer at public sale at 9:30 o'clock A.M., D.S.T. in front of the Franklin County Court House in Chambersburg, Pa. on

SATURDAY, AUGUST 7, 1982

Decedent's good limestone farm cont. approx. 70 A and 90P. as described in Franklin Co. Deed Book Vol. 451, page 118, located at Montgomery Township, 7 m with 7-rm frame, aluminum siding dwelling, wash house attached, oil hot air furnace; 2 floor bank barn, metal roof; steel corn crib; implement shed, cement block silo and dairy house. Well water.

INSPECTION: July 24 and 31 from 10:00 A.M. to 2:00 P.M.

TIME OF SALE: 9:30 A.M., D.S.T.

TERMS: 10% down, balance on or before Sept. 10, 1982; possession of house and buildings on final settlement; land under crop share lease with all growing crops reserved for tenant and seller. Other terms at time of sale.

Helen S. Knoll
Kathryn S. Billow
O. Ray Smith
Donald L. Smith
EXECUTORS

Steiger and Steiger
56 S. Main St.
Mercersburg, PA 17236
ATTORNEYS
J. Robert Meyers, Auctioneer

PUBLIC SALE
SAT. JULY 24
9:30 A.M.
GARAGE EQUIPMENT - AUTO ELECTRICAL TESTING EQUIP.

Located: 825 Jessop Place, York, Pa. (Formerly Penn Auto Electric).

Marquette M200 Solid State Tune Up Tester, A.C.E. Armature & Regulator Tester, Test Meters, South Bend lathe 4½ table with 9" Swing, Magneto Tester, Armature Cutters, Growlers, Worlington 2 cylinder Air Compressor w/1½ hp. motor, 2 Gray Air Lifts, (1 frame lift & 1 bumper lift), Hydraulic 2 ton floor jack, hydraulic bumper lift, jack stands, Coil Tester, Bench press, vises of various sizes, motor, work benches, generators, starters, metal & wooden shelvings, wiring & wire ends, Battery chargers, fire extinguisher, mechanical tools of all kind, spark plugs, reamers, Electric drills, bench grinder, wash tank, soldering irons, office desk & chair, file cabinet, Mechanics library on Wiring and Air Conditioning & old books on automobiles back to the 1920's, garden tools, Sound Burglar Alarm System, cash register, jumper cables & many items not mentioned.

AUTOMOBILES: 1966 4 door Chrysler, 1956 Desoto, Willies Station Wagon, Pontiac, Catalina (wrecked).

AUCTIONEERS'S NOTE: There are many items not mentioned. This is an accumulation of over 26 years in business. The owner is selling because of health & retirement.

TERMS: CASH OR GOOD CHECK
FULL SETTLEMENT SALE DAY.

MONROE MYERS

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
764-6412

PUBLIC SALE
OF WOOD LOT
FRIDAY EVE., JULY 30, 1982
at 7:00 P.M.
2.19 ACRES

Located 1 mile east of Gap, approximately 800 ft. off of Route 30 in Salisbury Township, Lancaster County, PA. No road frontage.

For inspection of Lot be at the Gap Fire Hall parking lot on July 17, between 1:00 & 3:00 p.m. or call 656-7073 for information. Sale will be held on the Gap Fire Hall Lot. 10% down day of sale, balance 30 days.

Terms by:
JOHN V. RESSER ESTATE

AUCTIONEERS:
Robert E. & Jeffrey R. Martin 656-7770
Frank L. Steller 656-8195
Shirk, Reist and Posey, Atty.

PARNELL - MT. HOLSTEIN DISPERSAL

At the farm located 12 miles west of Chambersburg, Franklin Co., Pa., 2 miles east of Fort Loudon along U.S. Rte. 30 on

FRIDAY, JULY 23, 1982
Sale at 11:00 A.M.
105 HEAD OF REGISTERED HOLSTEINS

55 Cows — fresh, springing and various stage of lactation. 20 Heifers - fresh, springing and bred. 34 Heifers - from calves to breeding age. 1 Service Bull - 16 mo. old son of Valiant. Few heifers carry his service.

Most bred animals carry service of Elevation son. Dam has 344 D. record 22,371 M., 4.5 T., 1006 F. Also, quite a few heifers selling are sired by this bull. Herd has been Bangs Certified and T B accredited for 30 years and has been on D.H.I.A. for 30 years. Some vacc., pregnancy checked. Rolling herd avg. 15,794 milk, 583 fat.

Records inc. Kaper dtr. with 22,548 M. 802 F.; Glen-Gean Model Map dtr. 22,098 M. 679 F.; Paclamar Net Profit dtr. 21,008 M. 718 F.; Parnell-Mt. Kingpin Rocket dtr. 21,585 M 782 F.; Kaper dtr. 18,093 M. 751 F.; Mookown Optimist dtr. 19,211 M. 627 F.; all 305 day records plus many more with high records. Other sires inc. 16 dtrs. of Glen-Gean Model Maple, "Sire is Citation R Maple"; 19 dtrs. of Don-Mel Acres Curious George, "Sire is Elevation"; 5 dtrs. of Kaper; 20 young heifers by D Q A Elevation Matt Phil, "Sire is Fond Matt"; others by Marvex, Gay Ideal, Apollo, Paclamar Capsule, Singing Brook Starmate, Paclamar Net Profit, Paclamar Triune Complete, many granddaughters of Elevation and Kingpin, other good sires represented.

SALE MANAGER'S NOTE: Mr. and Mrs. Robinson have decided to retire from dairy business after a long career. This is a good farmer-breeder herd to select from. Cattle have been well cared for and should do well for buyers. Write for catalogs to Ralph W. Horst, Box 103, Marion, Pa. 17235, Manager, or Fred M. Naugle, R.D. 7, Carlisle, Pa. 17013.

Sale in Tent; Lunch at Sale.

Terms Cash or Good Check sale day.

S. MINOR ROBINSON, Owner
11294 L.W. Rte. 30
Fort Loudon, Pa. 17224
Phone: (717) 369-2193

Ralph W. Horst & V. Art Kling, Auctioneers
Fred M. Naugle, Pedigree
Merle Woodring, Ringman
Gossert & Harshman, Clerks

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI. AUG. 13 - Public Sale of Cattle. Located in Wellsville, York Co. Carl and Creaty Harbold, Owners. Kling's Auction Service, Managers.

FRI. AUG. 13 - 5.30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers.

SAT. AUG. 14 - 9 A.M. 4th Annual Consignment Sale of the Kutztown Fire Co Located 1 mi. north of Myerstown off Rt. 645. Local Auctioneers.

SAT. AUG. 14 - 11 A.M. Public Sale of Real Estate, Machinery, Autos and Misc. Located ½ mi. east of Elizabethville, PA along Rt 209 Russell Lebo, owner. Dockey, Deppen and Dockey, Auctioneers

SAT AUG 14 and 21 9.30 A M Public Sale of Valuable Antiques and Household Goods Located 24 mi. south of Lancaster, from Lancaster take Rt 272 to Wakefield, at Wakefield take Rt. 222 south 2 mi. or from MD line take Rt 222 north 2 mi Victoria Clendenin Scott Estate. Lloyd H. Kreider, Randal V. Kline and Gary L Shirk, Auctioneers

SAT. AUG. 14 - Public Sale of Farmette, Weekend Retreat and Acreage. Located near Honey Grove, 60 mi. west of Hbg Long Bros , Auctioneers

TUES. AUG. 17 - 7 P.M. Public Sale of Horses, Buggies and Horse Equipment Located at the Lebanon Expo Fairgrounds Peggy Brown 717-273-3016

WED. AUG 18 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola. Lancaster Co , PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst, Auctioneer

FRI AUG 20 - 6 P M Public Sale of Swine Located at Lebanon Fairgrounds, Lebanon, PA. Leon and Lawrence Arnold, Owners Harry Bachman, Auctioneer

FRI. AUG 20 - 5:30 P.M Gap Auction Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers

FRI AUG 20 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

FRI AUG 20 - 7 P M. Public Sale of Cattle. Located at sale barn, 12 mi east of Lancaster off Rt 23 New Holland Sales Stables.

SAT AUG. 21 - 9 A M Public Sale of Farm Equipment, Household and Antiques Located at the Leesport Auction Grounds, Rt. 61 north of Reading. Berks Co Pocono Grange.

SAT AUG. 21 - Farm equipment, antiques, household items, tools Located 1½ miles east of Country House Restaurant, Myerstown at 351 Elco Dr Owners Harold R. and Ester M Blecker. Dave Risser Auctioneer

MON AUG 23 - 9.30 A M Consignment Sale Located at S. Race St , Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

WED. AUG 25 - 6 P.M Pa's 5th Performance Tested Boar Sale at Pennsylvania Department of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, Pa 16801 Sponsored by The Pennsylvania Department of Agriculture in cooperation with the Penn State University and the Pa Pork Producers Council

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

Farm Machinery Sales
First and Third Wednesday of Each Month Jan. through Oct.
Farm Machinery Accepted At Any Time From 7 A.M. to 6 P.M.
Sat. Til 12:00 Noon

No Small Items Will Be Accepted At Any Time. All Small Items Must Be Brought In Day of Sale And Sold Off of Trucks or Wagons.

Positively No Unloading Day of Sale Except Lawn And Garden Equipment, Farm Machinery and Big Equipment.

Tool and Hardware at 9:00
Shop Equipment & Lawn and Garden Equip. at 12:00
Machinery at 1:00

No Household Goods
No Out of State Checks
Selling With 6 Auctioneers

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

COUNTRY REAL ESTATE AT PUBLIC SALE

SATURDAY, AUGUST 7
1:00 P.M.

Located in central Juniata County, over looking Juniata River.

6.33 A. eight rm. frame house; lrg. bank barn; buildings in need of repair;

FOR INFO. CONTACT AUCTIONEERS.
LONG BROS., AUCTS.
R.D. 2
Port Royal, PA 17082
PH: 717-527-4458

FARMERSVILLE AUCTION

TUESDAY, JULY 20
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co. Pa.

Estate out of Lancaster + additions. White brocade sofa, turq. hide-a-bed, princess dresser, picnic table w/2 benches, floor model stereo, round table and chairs, chase lounge with matching chair, table lamps, double Bookcase Bed, lawn spreader, Sunbeam Carousel Rotesseire broiler, Avon bottles; Electrolux sweeper w/power nozzle, mitre box, books, lots of box lots, etc. etc.

We sell on commission

Call **JOHN J. RUTT** 354-5095
Estate Sale next week July 27 5:30 P.M.

3-DAY PUBLIC SALE

OF ALL KINDS OF HARDWARE AND WAREHOUSE SUPPLIES & MERCHANDISE
THURSDAY, FRIDAY, SATURDAY
JULY 22, 23 AND 24, 1982
Starting Each Day At 10:00 A.M.
Public Sale is for Stichter Hardware, located at 505 Penn Street, Reading, Pa.

TOOLS

Large Amount of Bolts by the Keg and Box, All Sizes, Some Extra Large; Some Stainless Steel, Some Hardened Nails by the Keg; All Kinds of Heavy Duty Hardware; Latches; hinges; Five Platform Scales; Four Dusk To Dawn Lights; Two 250 Gallon Fuel Tanks; Lots of Electric Lamp Shades; Wrought Iron Gates; Lot of Glass Single and Double Strength; Garden Gates; Wash Tubs; 40 Fire Extinguishers; Large Amount of Air Ducts and All Kinds of Duct Work; Large Amount of Lard Cans; Bench Vise; Large Amount of Rain Spouting.

Gutter Fittings: Down Spouts; Stove Pipe; and Many Stove Pipe Elbows; Used Hot Water Iron Radiators; Upholster Clips and Springs; Wall Partitions; Lot of Rivets; 8-Ton Steel Rods; Lot of 6-Foot Rods, Some Threaded; Steel Hooks, Some Extra Large; Austrian Scythe Blades; Four Ice Saws; New; Used Car Lube and Service Set; Used 2-Wheel Garden Tractor; Lot of Used Bag Wagons; Some Old Freight Carts; Used Doors; 100 Feet of Roller Track for Transporting Packages; Silage Forks; Fork and Shovel Handles and Other Tools; 3 large safes.

SATURDAY, JULY 24 SALE
ANTIQUE FURNITURE

Including Five Antique Roll Top desks; Two Other Antique Desks; Wooden Benches; Eight Antique Heavy Wooden Store Tables; Large Antique Display Bins; Antique Glass Display Cabinets; Eight Metal Office Desks and Chairs; Antique Bookcase; Drop Leaf Table; Two Small Balanced Scales; One Large Balanced Scales; Six Antique Wooden Feed and Seed Chests; Many Old Drawers.

All Types of Display Racks, Wooden Locker and Metal Locker, Winchester Ammunition Boxes; Used Cane Seat Chairs; Other Old Chairs, Display Racks and Office Equipment.

To inspect antique furniture, stop at the store any day during store hours. There are many more items to sell that are not listed. Sale will include several floors of merchandise, both old and new. The building has been sold and must be vacated.

Saturday sale begins at 10 a.m. with small items. Furniture and antiques will be sold at noon or sooner.

Terms by:
STICHTER HARDWARE
215-374-8344

LeRoy S. Horst
Henry Gehman, Auctioneers
215-445-6181

AUCTION

SHOP & OFFICE EQUIPMENT
FORKLIFT TRUCK & 1975 FORD PICKUP TRUCK
For The McVaugh Manufacturing Co., Inc. 325 Godshall Drive (Off Rt. 63, 2 mi. W. of Lansdale exit of the N.E. Ext. of PA Turnpike) Harleysville, PA

MONDAY, JULY 26, 1982
10:00 A.M.

SHOP EQUIPMENT - Yale forklift truck, 1975 Ford pickup truck F350, hydraulic lift platform, pallet truck, 2 drill presses, bench grinder, acetylene welding outfit, Airco welder, Airco Heliwelder, air compressor, DoAll mod. C4 metal cutting band saw, gantry crane 3 ton cap., jib crane 12' long, 2 elec. chain hoists, shop vacuum, tire changer, wheel balancer, battery charger, floor jack, 3 sets jack stands, undercoat system, assorted automotive painting supplies & equip., parts wash tank, 4 metal work benches, 11 fire extinguishers, 7 burglar alarms, 6 personnel lockers, 30 7'-section industrial shelving, 99 steel drawers w/dividers, 2 steel shop desks & 5 cabinets, 2 hand trucks, 6 wd. & metal ladders, Stanley steel banding equip., assorted structural steel, 2 6-tier 16' steel storage racks, 2 assembly tables (1 20').

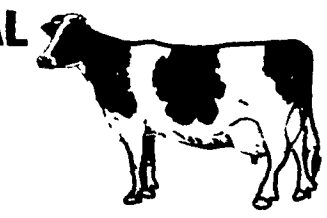
HAND TOOLS — Air impact wrench, grinder & drill; chain saw, industrial saber saw, h.s. elec. grinder, elec. industrial drills, 3 bench vises, circular saw, 2 body grinders, 300 lb. scales, assorted tools & equip.

OFFICE EQUIPMENT & FURNITURE — 1400C blue print machine, P.B. Copier mod. 254, IBM Correcting Selectric II typewriter, 3M copy machine, T.I. adding machine, Canon calculator, 5 station Talk-a phone inter-com, 2 6' drafting tables (1 w/Mutoh Mod. L. drafting machine;, engineering console w/Mutoh Mod. L2 drafting machine & rotating reference file plus reference table w/file cabinets, executive desk & chair, 3 secretary's desks & chairs, 3 upholstered sofas (5'x7½'), 9 office chairs, 3 filing cabinets, bookeeper's cabinet, 4 steel bookshelves, clothes tree, assorted end tables, reference table. Call or write for detailed list.

TERMS - CASH LUNCH

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike, (Rt.113)
Box 1, Harleysville, PA 19438
215-723-1171 or 256-8892

THE PAUL & ANN LAWRENCE COMPLETE DISPERSAL



83 Reg., I.D. and Grade Holsteins - Machinery
FRIDAY, JULY 23, 1982
at 10:30 A.M.
Sussex, N.J.

For Paul & Ann Lawrence located on the former Twin Ponds Farm, now operated as Upsala College, Wirths Campus on Compton, Rd., off Rt. #565, 3 miles S.W. of Sussex, N.Y. Follow signs Upsala College.

10:30 A..M - some small items, feed carts, barn tools, water tank, barn fans, 2 Patz barn cleaners 50 and 60 cow 1 clockwise, 1 counter clockwise, Acorn 16 ft. silo unloader like new, Patz 14 ft. silo unloader, 6 ton feed tank, 4 DeLaval milkers, 1 year old milk system F-4 Boumatic pump w/Westfalia regulator and PVC #80 Vac line for 60 cows can run 5 units! Dumping station.

11:30 A.M. - Tractors J.D. 2630DL 70 hp. WF 3 PTH real sharp, J.D. G., Gehl chuck wagon, N.H. chuck wagon, N.H. 717 chopper w/corn hd., N.H. #33 flail chopper, Gehl 9 ft., haybine, A.C. PTO hopper blower, 40 ft. plastic silo pipe w/disc., snoco 28 ft., pipe elevator, N.I. 212 PTO manure spreader w/end gate (new chain).

12 Noon - Linde 16 wk semen tank, Semen-Glen-Ace-Medessa-Tex-Matador-Highjet and others.

83 DHIA Tested Holsteins - 51 hd. Registered, 32 I.D. or high grade. 43 hd. in the milk row, 9 fresh recently averaging 65 lbs., 12 hd. due from Aug. thru Oct., balance in various stages. Sires Rep. - a Reg. Marvex and Persauder dtr. both purchased at Berks County Club sale last year! a Reg. Gay Ideal, Reg. Jemini, Grades by Jet Stream, Job and others. Service Sires - Persauder, Ace, Creek, and others.

DHIA Tested - herd ave. 13,417 milk, 488 fat, with individual records to 213074M and 762F.

Attention - this dairy is under a moderate feeding program and has the potential for greater advancement!

Age 50% are 1st. and 2nd calf heifers, many not classified. 1 VG cow sells, 10 Good Plus and 7 Goods.

40 Heifers - 24 Reg. balance I.D. grades. 14 bred with 7 due Oct. and Nov., 7 due Jan. and Feb., 5 ready to Breed, 9 ready to breed Jan., 12 hed. from started calves to 9 mos. old!

Sires Rep. - Job, Trump, Jemini, Persauder, Ace, Glen, Legacy, Superior and others. The bred heifers are in service to chairman. Jemini, Hannibal, Legacy and others! Heifers show size, type and milkability!

Health - Cattle have had all shots, heifers are vac. Herd is T.B. and Blood Tested and eligible for immediate interstate shipment. pregnancy examined!

Note - The owner has been up grading this herd by breeding to the top 50 on the TPI list, using high production high score sires! All the potential is here, Plan to Attend this Sale. Catalogs at ring side!

Terms - Cash or Good Check w/I.D. Paid in full Sale Day. Lunch! Not responsible for accidents!

Owner
PAUL & ANN LAWRENCE
201-875-4480

Sale Conducted By:
Col. Fred R. Daniel Auctioneers Inc.
Neshanic Sta., N.J.
201-369-4784

Farm Sales are our Specialties

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

THURS AUG 26 Public Sale of Cattle Located at R D 1 East Waterford Juniata Co PA Samual S Jones Owner Kling s Auction Service Mgrs

THURS AUG 26 9 30 A M Fall Farm Equipment Sale located 4 miles W of Manheim just off Hosler Road along Valley Road 8 miles from Rt 283 Mt Joy Exit, Lancaster Co Pa

FRI AUG 27 7 P M Lebanon County Holstein Club Annual Sale Located at the Lebanon Area Fairgounds Harry H Bachman, Auctioneer

FRI AUG 27 - 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son Auctioneers

SAT AUG 28 - 12 30 P M Ram Lamb & Ewe Sale at Pennsylvania Dept of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, Pa 16801

SAT AUG 28 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

SAT AUG 28 Public Sale of Furniture Antiques Tools Quilts Groceries Dry Goods and Sporting Goods Located on Rt 23 between Leola and New Holland Seventh Annual Sale Bareville Fire Co 211 E Main St Leola PA

SEPTEMBER

WED SEPT 1 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder R Martin C Wolgemuth J Fry and L Horst Auctioneer

FRI SEPT 3 9 30 A M Public Sale of Machinery Located at the Belleville Livestock Market, Belleville, PA 717 935 2146 Glick, Gibboney and Gilligan Auctioneers

MON SEPT 6 8 30 A M Public Sale of Antiques, Shop Tools and Etc Located in the borough of Hanover PA at #17 Charles St which is east of the Hanover Hospital Reuben Becker Owner Clair R Slaybaugh, Auctioneer

FRI SEPT 10 - 6 P M Public Sale of Guns Located at Elks Ball Room 3rd and Penn Sts, Huntingdon, PA W G Wilson Owner Dale Gibboney, Auctioneer

WED. SEPT 15 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co, PA Watch for sale signs. F Snyder R Martin, C. Wolgemuth J Fry and L Horst Auctioneer

FRI SEPT 17 - 6 30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers

PUBLIC SALE
OF REAL ESTATE
(10 Acre Farm, 2½ Story House w/Apt., Barn & 30'x124' Greenhouse)

WEDNESDAY, JULY 28, 1982
At 7:00

Located along Weaver Rd., R.D. #1, Strasburg, Strasburg Twp., Lancaster Co., Pa. Take S. Decatur St. on to May Post Office Rd. about 3 mi. south of Strasburg. Turn right on to Weaver Rd. about 1 mi. to sale.

Real Estate: 2½ story stone & frame farm house w/attached 2 story apt. Other bldgs. include 40'x70' 2 story cement block & steel barn w/9 steel horse box stalls, 2 story frame equip. barn, frame 5 acre tobacco shed & 30'x124' Hydrophonic greenhouse. Total of land is 10 acres more or less w/7 acres of tillable, 1 acre of pasture & 2 acres around bldgs. Property will be open for inspection.

Sale by
ALLEN L. MEANS & LINDA J. MEANS

Allison & Pyfer, Attys.
Xakellis, Perezous & Mongioni, Attys.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

GATES HOMESTEAD FARM DISPERSAL

TUESDAY & WEDNESDAY, JULY 20 & 21, 1982
10:30 A.M.
Chittenango, N.Y.

Farm is 2 miles west of Chittenango on Rte. 173. Only 4 miles east of Manlius on Rte. 173. From west, get off N.Y. Thruway at Exit 34-A, go south on 481 to 92, then east to Manlius, then on 173 east to farm. From east, get off at Canastota (Exit 34). Go south on 13 to Rte. 5, then west on 5 to Chittenango and then 2 miles west on 173 to farm.

425 REGISTERED HOLSTEINS

225 COWS & BRED HEIFERS SELL TUESDAY
200 OPEN HEIFERS & CALVES SELL WEDNESDAY

PRESENT RHA: May 1982 132 Cows ave. 16,794 3.7% 625
Nearly 2/3 of herd 1st calf - Majority of original milking herd sold Nov. 1981.

A LONG ESTABLISHED HERD!
Homebred for 63 years with exception of a few head. Farm has been in the same family for seven generations, established in 1798
Registered Holsteins since the turn of the century. After a successful partial milking herd dispersal last fall (with many reports from satisfied buyers) the decision has been made to sell the herd in its entirety.
100% EASTERN BRED HERD!!
87 Head sell due July through fall.
All sired by and bred to top Eastern A I Sires
A MOST UNUSUAL BUYING OPPORTUNITY --- MAKE YOUR PLANS NOW TO ATTEND AND BUY!!

Sale starts 10:30 A.M. each day - Lunch Available
Catalogs - Under cover

GATES HOMESTEAD FARM
Chittenango, N.Y.
315-687-7811

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, N.Y. 13114 (315-963-7231)

SMOKETOWN QUALITY DAIRY SALES

LEW BROWN 16th ANNUAL HOLSTEIN BRED HEIFER SALE
THURS. EVENING, JULY 22, 1982
8 P.M.

To be held at Smoketown Quality Dairy Sales along Rt. 340, 6 miles east of Lancaster, Pa. Lancaster County.

REGISTERED & GRADE HOLSTEINS

25 Bred Heifers of which ½ are registered. Many due early August, others Sept. and later in the fall. Mostly Vacc. 30 day tested for interstate, dehorned, preg. check.

Some records on dams:

* "Jemini" dtr., her dam cl. 82, 5y 305d 19,103m, 804f 4.2%, next day V.G. 20,000m
* "Rebel Elevation" dtr., her dam cl. 84, pred. 20,354m 776f 4y
* "Bootmaker Clem" dtr., her dam 125,332m 4,495f (Lifetime record)
* "Job" dtr., her dam 20,000m and cl. "V.G." (by Transmitter)
* "Chief Ivan" dtr., 2y 353d 15,381m 583f 3,8%, next dam w/20,000m
* "Legacy" dtr., her dam 2y 305d 15,073m 538f
* "Altitude" dtr., dam 8y 305d 15,128m 618f 4.1%
* Grade "Job" dtr., dam 8y, 2 recs. 22,000m

Other dtrs. of sires including Harrisburg Gay Ideal, Poverty Hollow Milestone, Plushanski Persuader, Rosemere Fury Ivan, Dutchcroft Orion, U. of Md. BB Chief. Grades from U.S.N.E. Penitentiary Farm.

A fine group of heifers with plenty of size, condition, dairy type, that you will appreciate. Sired by high P.D. Bulls. Assembled during the fall months from the better herds in Pa.

Also Selling - One load of Fancy Registered and grade Heifers consigned by Johnny Jr.

Reg. Glendell Arlinda Chief G.P. 3 yr. sire - EX93 +2010m +60F +1.23 type Daughs. Avg. 18,857m. 3.5t 671F. He is 2nd on the latest honor list of sires. Cow is due Sept. 16 to Paclamar Astronaut. 2 yr. - 296 d. 14,869m. 4.0t 600F. Proj. 18,684m 750f.

Reg. - Hilfar Reflection Emperior G.P. 5 yr. - Daughs. Avg. 16,800m 3.79t 637f 5 yr. 288d 15,310m 4.2t 637f Dam R-Maple V.G. 3 records 20,000m - 22,000m.

Reg. AR-BAR Triune Challenge - +1317m +28F Daughs. Avg. 16,874m 3.53t 595f. 2 yr. 305d 14,870m 4.5t 674f 3 yr. 305d 18,570m 4.3t 798f 4 yr. 18,490m 4.5t 827f.

Reg. ACE - High-Dairy-Trixie Ben Ted +1684m +60f. Daughs. Avg. 18,080m 3.6t 651f. 3 yr. 272d 14,960m 3.6t 533f.

Reg. Penmar Apollo Born 9-03-80 Sire + 350m +12t +30f Daughs. Avg. 16,673m 3.8t 638f. DAM - Penstate Ivanhoe Daugh. records 2 yr. 1m 325d 11,071m 4.2t 461f. 3 yr. 2m 320d 16,471m 4.0t 652f. This Heifer is due 9-12-82 to Kingway Elevation Very - V.G. 85 +869m +30t +76f.

Reg. Lawcrest Marvex +972m +36f EX90 Daughs. Avg. 17,529m 3.7t 436f. DAM - Penstate Ivnahoe Daugh - record 2 yr. 318d 16,379m 3.4t 551f. This heifer is due 9-6-82 to Kler VU Charisma +673m +20t +54f Daughs. Avg. 16,153m 3.9t 634f.

FIVE GRADE HEIFERS AND COWS OUT OF ONE HERD INCLUDING: GR. 1ST CALF - MILKING 55 LBS. - 164d 10,316m 4.1t 418f PROJ. 16,700m DUE DEC. 16 TO WAPA ARLINDA CONDUCTOR.

Gr. 3 yr. old 345d 18,000m 3.8t 693f Due July 27 to Glen Ridge Cittamatt
Gr. Heifer milking 59 lbs. - 175d 12,755m proj. 17,400 Due Dec. to Ford.
Gr. milking 46.2 lbs. 165d 10,175m due Jan. 11 to Leadfield Columbus.
Gr. milking 59 lbs. - 151d 10,245m 4.4t 445f proj. 16,100 due Dec. 15 to Marshfield Elevation Tony.

Also - twelve cows and heifers close or fresh out of one herd.
No yearling heifers.

BULLS:

Reg. Holstein Bull - Born 7-11-81 - Yules-Pride Elevation ACE V.G. 88 +1107m +41f. DAM Lynnacres Charming Jean V.G. 85 Daughter of Rocky Ivanhoe. 2 yr 5m 335 da. 16,993m 3.7t 636f 3 yr. 5m 314d 19,412m 3.7t 713f. 4 yr. 5 m 345d. 22,965m 4.0t 925f. 5 yr. 6m. 365d. 25,211m. 3.7t 925f.

Reg. Holstein Bull- Born 2-25-81 - Char-Sam Elevation PABST V.G. 88 +1814m +35f DAM Lynnacres Crocker Zelda V.G. 85. 2 yr. 4m. 359d 16,695m 4.0t 678f. 3 yr. 5m 381d 21,458m 3.9t 834f. 4 yr. 7m 339d. 21,241m 3.9t 838f. Grandam 356d 23,295m 813f.

Catalogs at ringside

Auct.: Carl Diller & Paul Snyder
Pedigrees: Henry Kettering

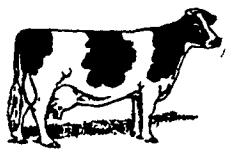
Sale Mgrs.
Gordon & Helen Fritz
Phone (717) 393-0930

30 day test for out of state buyer. Out of state buyers current bank letter, cash or certified check.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

NEW HOLLAND SALES STABLES



ANNUAL SUMMER PROMOTIONAL SALE

FRIDAY EVENING, AUGUST 20, 1982
At 7 P.M.

Sale barn located 12 miles east of Lancaster off Rt. 23.

150 Head Selling

Selected cows, 1st calf heifers, several purebred heifer calves and a few service age bulls.

This sale will feature top quality Holstein cattle, many purebreds with high records.

100 head of Registered Holsteins, mostly fresh or due this fall. Making selections for this sale are Henry Kettering 717-569-0675 and Dr. Keith Olin 717-299-9707 between 7 and 8 A.M. or John J. Stoltzfus 215-273-2315.

All animals will be tested for out of state shipment. Catalogs night of sale. For more information contact either Norman Kolb 717-397-5538 or Abe Diffenbach barn office 717-354-4341

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT SEPT. 18 - Public Sale of Heifers, Quilts and Hand made Items Located 3 mi. south of Atglen, PA along Newport Pike, Old Rt 41. West Fallowfield Christian School Building Fund Kurtz, Stoltzfus and Petersheim, Auctioneers

SAT. SEPT. 18 - Public Sale of Lebanon Co 40 acre Limestone Soil Farm and Farm Equipment, Etc Located ½ mi. south of Myerstown, PA on Railroad Street. Hubert S Miller Estate Dave Risser, auctioneer

SAT SEPT. 18 Public Sale of Household Goods and Antiques Located along Rt. 897, 2 mi north of Schaefferstown Mrs Elmer H Martin, Owner Nevin Martin and Lewis Groff, Auctioneers

SAT SEPT. 18 - Public Sale of Farm, Farm Implements, Household Goods and Antiques Located first farm on right, coming out of Brunnerville on Lincoln Rd Bertha M. Ritter Owner Frank and Paul Snyder, Auctioneers

SAT. SEPT. 25 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

TUES SEPT 28 - 12:30 P.M. Reg Holstein Dispersal 21 miles south of Lancaster, Rt 272 to Little Britain, take little Britain Road to Green Lane Watch for arrows Owners- Martin E and Alma J Ressler, Diller and Kreider, Auctioneers

OCTOBER

FRI OCT 1 - 11 A.M. Walk-Way Holstein Promotional Sale located in Lock Haven, Pa Harris Wilcox, Bergen, NY Auctioneer 717 769 7273

SAT OCT 2, 1982 Wesson's "Spirit of '82" Sale, at the Wesson Charolais Ranch, Koshkonong, Missouri

WED OCT 6 9 A.M. Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola Lancaster Co PA Watch for sale signs F Snyder, R Martin, C Wolgemuth J Fry and L Horst Auctioneer

THURS OCT 7 PA State Grange Reg and Grade Holstein Above Herd Average Dairy Sale at the Guernsey Sales Pavilion 6 mi east of Lancaster along Rt 30 State Grange and J Everett Kreider, sale managers and auctioneer

MON OCT 11 Hubert Charolais Ranch Production Sale Located at the ranch, Monument, Kansas Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

FRI OCT 15 - 6:30 P.M. Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

WED OCT 20 9 A.M. Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co., PA Watch for sale signs F Snyder, R. Martin, C Wolgemuth J. Fry and L. Horst, Auctioneer

MON OCT 25 - Shallow Creek Charolais 20th Anniversary Production Sale At the ranch, Fort Sumner, New Mixico Dennis and Jane Adams, Owners Buzz Garey 100 Walnut Lane, Morrisville PA 19067, Sale Manager Garey Cattle Sales Inc

SAT OCT 30 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales Inc Rt 522 3 miles East of Middleburg, 5 miles West of Selinsgrove Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

NOVEMBER

FRI NOV 19 6:30 P.M. Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Aucton Sales, Inc Rt 522 3 miles Est of Middleburg 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

SAT NOV 27 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

DECEMBER

FRI DEC 17 - 6.30 P.M. Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

GIGANTIC SELECTION
In Lancaster Farming's CLASSIFIEDS

DAIRY CATTLE SALE

FRIDAY, JULY 23rd, 1982
7:30 P.M.
PENNS VALLEY LIVESTOCK AUCTION
CENTRE HALL, Pa.
(At the intersection of Rt. 45 and 144)

REGISTERED & GRADE HOLSTEINS

- BULLS
- FRESH COWS
- DRY COWS
- SPRINGERS
- BRED HEIFERS
- OPEN HEIFERS

Consigned From Local Farm

20 Grade Holsteins — All to come
2 Reg. Holsteins — fresh between
2 Grade Guernseys — July 15 - Sept. 30

Health Charts Furnished

Ron Gilligan, Auctioneer

★ ★ **NOTICE** ★ ★
Dairy Sale Held Every Fourth Friday Of The Month

For Information Call: (814) 364-9096; (814) 238-8032; (717) 899-7293
Restaurant Open

MELVIN KOLB INC.

COWS & HEIFERS PUREBREDS AND GRADES

200 Head Springers due July & August
100 Head Cows & Heifers Just Fresh
100 Head Grade First Calf Heifers Due July & August
Stock Bulls on Hand

PREVIEW OF SALE
THURSDAY, AUGUST 5
7:30 P.M.

150 HEAD PUREBRED & GRADES
C. WITMER SCHERER HERD DISPERSAL

48 Purebred cows, springing heifers & calves. Herd average for 1981 - 18,019m, 667F, 3.7. Examine for pregnancy & tested for interstate. All home raised. 8 VG, 19 GP, 11 Good, 3 Fair, Classified 2-13-82.

We Will...
- Buy Your Complete Herd
- Consign Your Herd Through Our Dairy Barn at the Monthly Sales.
- Sell Your Herd Private For You.

Please Call For Further Details

Lancaster Farm
2220 Dairy Road
Lancaster, Pa.
717-569-2106 or 569-6800
Dennis Kolb, Mgr.

MEL KOLB
Res. 717-393-7459

Maryland Farm
Woodsboro, MD
301-898-7720 or 898-7663
Tom Miller, Mgr.

MONTHLY COW SALE AT LANCASTER
1ST THURSDAY, AUG. 5
At 7:30 P.M.

MONTHLY COW SALE AT MARYLAND
3RD THURSDAY, AUG. 19
At 7:30 P.M.

PRIVATE SALES DAILY
OPEN EVENINGS!

PUBLIC SALE
OF REAL ESTATE KNOWN AS THE HUGH T. BARLUP

Located along old Route 16 just west of Zullinger, Penna., in Washington Township, Franklin County.

SATURDAY, JULY 31, 1982
At 9:30 A.M. Prevailing time

The undersigned Owners will offer the farm which contains 77 acres, 72 perches of limestone soil, (60 acres under cultivation, 15 acres pasture, 2 acres building site); having approximately 9/10 of a mile of road frontage on Old Route 16 and Five Forks Road; improved by a brick house having modern kitchen with vinyl floor covering, dining room with hardwood floor, large living room with hardwood floor, one-half bath on first floor; second floor contains 3 bedrooms with hardwood floors and full bath; cellar; oil fired hot water furnace with radiator heat; electric hot water heater; metal roof; full front porch.

Also includes a concrete block wash house; 45x90 ft. frame and weatherboard two-floor bank barn; concrete stables with 33 stanchions; wagon shed and corn crib at end of barn; two 12x35 ft. concrete silos; milk house; chicken house and other outbuildings. Well of water with submersible pump and cistern.

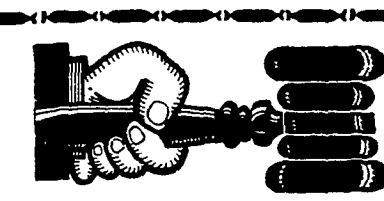
For deed reference see Franklin County Deed Book Vol. 247, Page 174.

TERMS: 10% of the purchase price when property is struck down, balance on or before September 30, 1982. Remaining terms day of sale.

For inspection phone 717-762-5594.

WILMER K. BARLUP
HUBERT BARLUP
HERMAN BARLUP
LULU KAHL
THOMAS BARLUP
DONALD BARLUP, Owners

Edgar J. Stull, Auctioneer
Gregory L. Kiersz of
Beck, Patterson, Kaminski, Keller & Kiersz, Attorney



AUCTIONEER'S DIRECTORY

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

AUCTIONEERS
JOHN E. MARTIN
Ephrata, Penna.
717-733-3511
AND
PAUL E. MARTIN
Stevens, Penna
717-733-3305
Professional Auction Service

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock, Farm Equipment, Household Goods, Antiques
No sale too small or too large
717-859-2688
717-733-7052

C.H. WOLGEMUTH
RD #2, MANHEIM, PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
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KREIDER & KLINE AUCTIONEERS

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FARM STOCK SALES — LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1096
717 354 4071

LLOYD H. KREIDER
AUCTIONEER
717 786 3394

DAIRYMEN,

WE'LL GIVE YOU A BAG OF CALF STARTENA... FREE

WHEN YOU PURCHASE 3 BAGS OF NURSE CHOW 100 or 200
PRESENT THIS COUPON TO A DEALER LISTED BELOW, OFFER EXPIRES 7-24-82

New Nurse Chow® 100™. All-milk protein. Contains a combination of two antibiotics to help prevent scours. Produces optimal growth and maximum frame development.

New Nurse Chow® 200™. Considered Purina's best value milk replacer. A combination of proteins deliver great performance and great value. Two antibiotics help fight scours problems.

+

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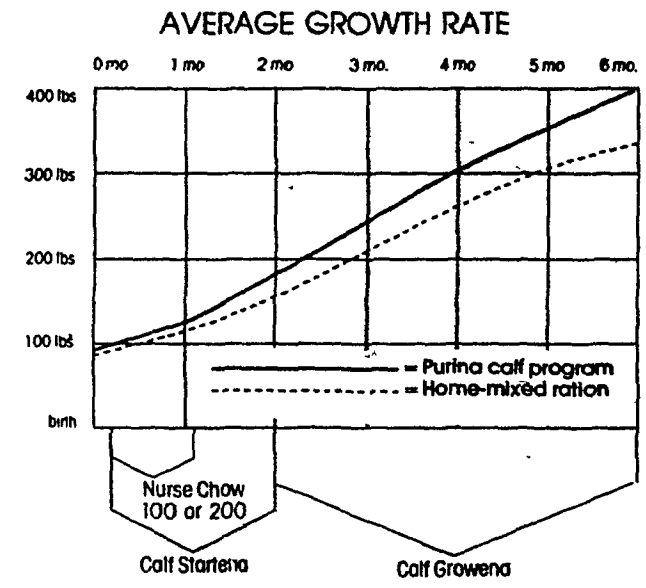

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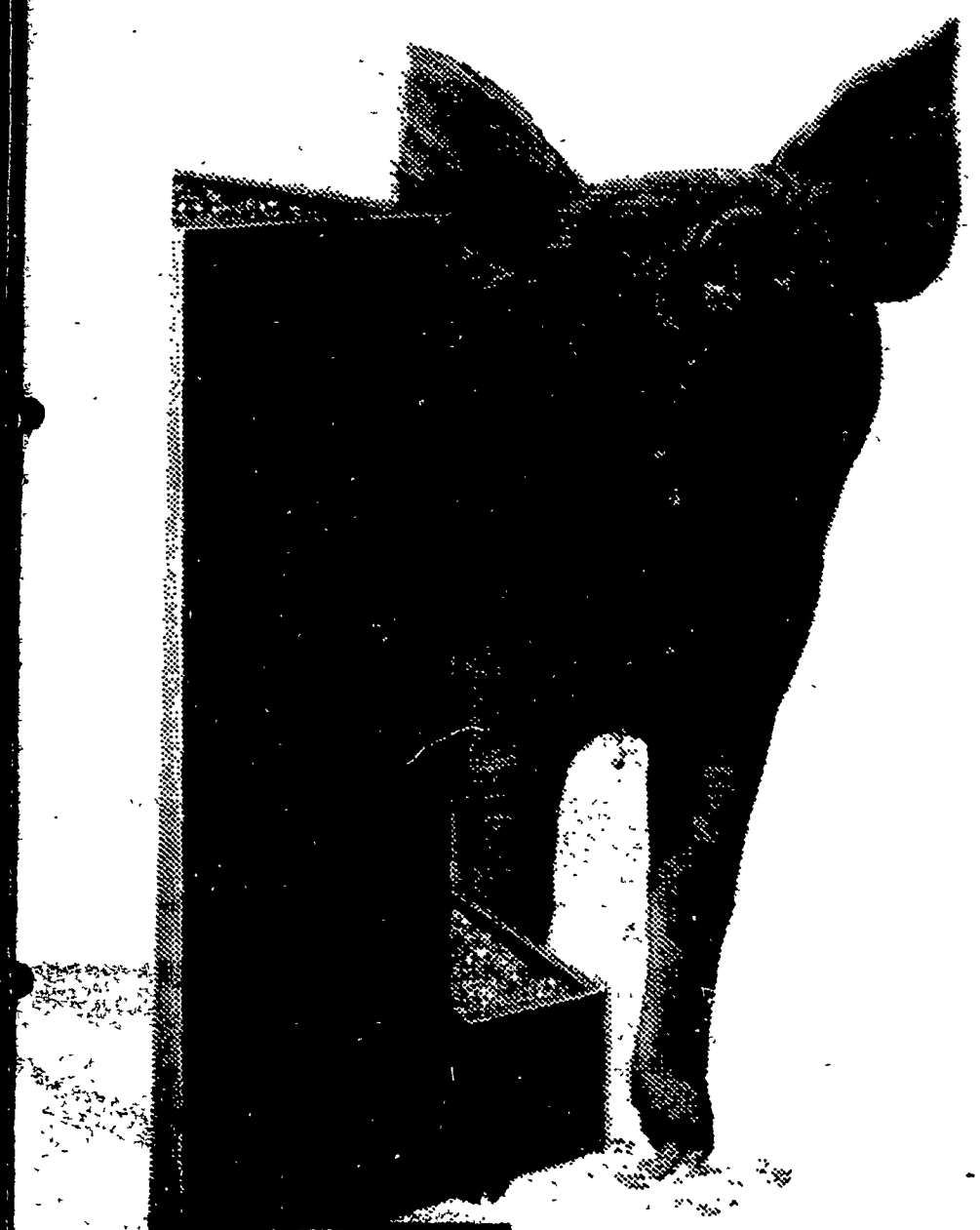

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Farm Business News

2 Pa. bulls begin sampling

PLAIN CITY, Oh. — Two bulls bred in Pennsylvania, have been chosen to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system. Based on their outstanding pedigree, these bull calves have been selected as two of only 120 Holstein bulls from throughout the United States to enter the program in 1982.

Plushanski Prediction-ET comes to Select from Charles Plushanski, of Kutztown. His dam is one of the best known transmitting cows, Plushanski Chief Faith, Excellent (94-4E) GMD. She has six records over 26,000M and 1,170F, with a lifetime of 242,863M 4.7 percent 11,353F. The sire of this fine young bull is the legendary, Paclamar Bootmaker.

The other bull is Pen-Col Dalton-ET, who was bred by Pen-Col Farms, of Millville. He has a very outstanding pedigree being sired by the Select great, Glendell Arlinda Chief and out of Pen-Col Elevation Destin, an Elevation daughter scored Very Good with her first three records over 25,900M and 972F with a plus 2,000M Cow Index. She has two sisters that are VG & EX, both over 1,000F. The second dam is Inka Whirlhill Pabst Della, Excellent (90-3E) EX-MS, GMD with six records over 28,000M and 1,000F.

Martin returns to family business

John R. Martin has returned fulltime to the family business, Martin's Refrigeration Service, of Fayetteville.

Steady expansion of the refrigeration business, which features a full sales and service operation, has prompted his son's return, according to Ken Martin.

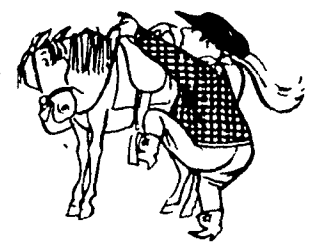
John, a qualified refrigeration mechanic, had been associated with the business from 1967 to 1976, when he became involved fulltime in the family's dairy farm operation.

Martin's, which specializes in new and used milk tanks, has been handling the Mueller line since 1977. Annually, it has won the Mueller Gold Cooler Award for outstanding sales and service.

Martin's serves the dairy industry of Franklin County and extends into surrounding counties.

Ag students help with research

Students from ag schools throughout the country are serving as summer interns in product testing and market research activities of the Dow Chemical Company. The above group is shown involved in an on-farm research project a new post-emergence herbicide for grass control in corn. The interns will work in Illinois, Iowa, Minnesota, Nebraska and Wisconsin this summer. The group, from the left, includes Mark Kubesh, kneeling, University of Minnesota; Ben Walraven, Dow product sales manager; Tim Bailey, Michigan State; Mark Norris, Dow project manager; Lettita Sandrock, Penn State; and Darryl Perry and Brian Rady, Michigan State.



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Kubota offers tractor brochures

COMPTON, Cal. — Brochures on each of the powerful Kubota M series tractors — the M4500, M5500 and M7500 — are available from Kubota Tractor Corp., Compton, Cal.

The four-page, four-color pamphlets describe the many exclusive standard features on each of the three tractors, whose bare horsepower ranges from 47 to 81 and places the series in the mid-size tactor range.

All three tractors feature such standard equipment as wet disc brakes; 16 forward and four reverse speeds; position, draft and combination implement control; power steering; and double-acting twin remote hydraulic cylinders. All three models also include differential locking devices (the 4WD models feature front and rear differential locking devices as standard features); swing drawbar hitch and SAE Category I and II 3-point hitch.

Other features outlined in the brochure texts are direct injection and special glow plug in the three- (M5500), four- (M7500) and six- (M4500) cylinder diesel engines, giving operators fast starts in cold weather and fuel economy in every day use. The standard Kubota hydraulic system, with its three-position implement controls and additional hydraulic outlet, provides maximum implement versatility. Operators also are offered a wide latitude in the selection of proper workload speeds through the full-synchronized 16-speed transmission, while the independent rear PTO provides ample rotary power.

Along with colorful photos and detailed insets, the three brochures also provide complete specifications.

For copies of the Kubota Tractor Diesel M4500, M5500 or M7500, write Kubota Tractor Corporation, Box 7020, Compton, Cal. 90224.

Hemp dogbane problem increases in reduced tillage

LANCASTER — Long viewed as a threat to Pennsylvania corn and soybean yields, hemp dogbane is becoming an increasing problem as more farmers adopt no-till cropping systems.

Found primarily in low-lying wet areas, this perennial broadleaf is characterized by its reproductive system which consists of seeds, crown buds and an extensive root system. University research indicates that a two-year-old hemp dogbane root system can penetrate to a depth of almost fourteen feet and can extend laterally in a radius of nearly 20 feet from the parent plant. Further research indicates that a seedling is capable of perennial regrowth within 10 days of emergence.

"Hemp dogbane has been increasing and will more than likely continue to increase as reduced tillage becomes more and more common," says Nathan L. Hartwig, associate professor of weed science at Penn State. According to Hartwig, plowing "kept hemp dogbane under control," but now that there are 792,000 acres of corn and soybeans under reduced tillage, the weed is scattered throughout the state.

"Hemp dogbane is a widespread problem, although there are heavier infestations in the southeastern portion of the state and Lancaster County where well-drained, limestone-based soils are conducive to practicing reduced tillage." Hartwig estimates that infestations of this weed can reduce yields by 50 percent, with even greater reduction during dry years. Besides robbing the crop of moisture and nutrients, hemp dogbane contains several resins and glucosides that are poisonous and can endanger livestock if the crop is rotated into hay.

Farmers have tried a variety of control techniques to clear their

(Turn to Page C4)

Agro offers grain meter

RIVIERA BEACH, FLA. — Agro Specialties of Riviera Beach, Fl., announces the introduction of a newly developed Agromatic Moisture/Temperature Meter.

Portable, weighing two lbs. and inexpensive, the Agromatic is ideal for checking the moisture content of grain in the field, in the bin, at the dryer and at the point of sale.

Battery operated, the unit uses high frequency radio waves to provide immediate results with an accuracy of plus or minus .4 percent.

In addition, the Agromatic's built-in thermometer and remote sensing cable permits immediate temperature determination of the grain in a silo or storage bin.

For further information contact. Agro Specialties Company, P.O.Box 9494, Riviera Beach, Fla. 33404.

New meter developed by Agro Specialities measures moisture and temperature in grain.

MF improves combine

DES MOINES, Ia. — Massey-Ferguson's newly improved MF 550 combine now offers customers additional performance and operator convenience features.

Both an exhaust-aspirated engine pre-cleaner and cab heater will now be standard equipment on the MF 550. Other new standard features include a 90-amp alternator, new rearview mirrors, and new cab interior treatment to improve appearance.

Two additional lights on the left side have been added to this combine. All work lights now contain new halogen elements for much greater brightness, improving operator visibility during nighttime operation.

Two batteries for improved starting in cold weather have also been made standard equipment.

Other improvements include a lengthened engine drain hose to make servicing easier, and a three-foot-longer unloader pipe with a new discharge boot to minimize windage effects.

Massey-Ferguson's improved MF 550 combine offers customers additional performance and operator convenience features.

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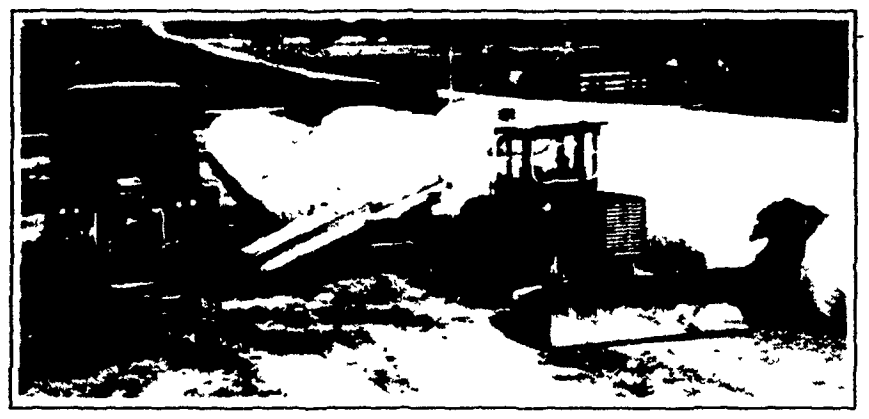

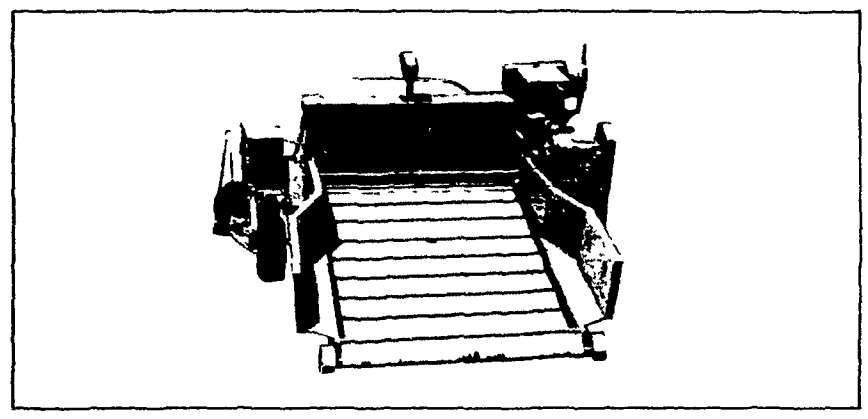

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Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG: "At today's interest rates you can't afford any other type of storage... Even with the yearly cost of bags it's still inexpensive storage... a whole lot cheaper than building barns and hiring help. I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year. The bags are a good thing."

Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool"... says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish.

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration. I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements."

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain."

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed... I can guarantee at least that" says rancher, Bert Anderson, of Sceptre, Saskatchewan.

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USDA slates non-fat dry milk give-away

WASHINGTON, D.C. — The U.S. Department of Agriculture recently announced plans to test the distribution of non-fat dry milk to needy families in Florida, Minnesota and Washington starting in eary September.

Initially, USDA will make available up to 11 million pounds (equivalent to nearly 13.8 million gallons of fluid milk) valued at nearly $12 million for distribution through non-profit organizations. USDA will pattern this test project after the cheese distribution program now underway nationwide. An estimated 450,000 needy households in the three states could benefit from the three-month demonstration project.

"This project is in keeping with plans I announced earlier to decrease the massive dairy stocks we have been forced to acquire under the dairy price support program," said Secretary of Agriculture John R. Block.

"This pilot project will help us determine whether non-fat dry milk can be distributed nationwide. A critical issue is the potential impact distributing non-fat dry milk may have on fluid milk consumption. The potential displacement will be carefully studied with data derived from the project."

Block added: "The distribution of surplus dairy products alone won't solve the problem. We badly need for Congress to act on our proposed legislation to bring the dairy program back into line."

The government is currently storing more than one billion pounds of non-fat dry milk in 50- and 100-pounds bags. Before distribution, it will be converted to the form that is sold in supermarkets. Once converted it can be used as a beverage or in cooking. it will cost USDA 14 cents per pound to convert to repackage the product.

USDA has been making surplus cheese available for distribution to needy families since last December, with states ordering more than 100 million pounds of cheese.

In May, USDA announced plans to distribute up to 50 million pounds of butter nationwide, starting late this summer. That announcement followed a test project conducted this past February in Waterloo, Iowa.

Corn yield contest entry deadline Aug. 10

BLOOMINGTON, ILL. — The National Corn Growers Association reminds corn producers August 10 is the deadline for entry in the NCGA Corn Yield Contest. To qualify for the 1982 contest, participants must enter a field at least 10 acres in size.

Corn producers have shown a lot of interest in the yield contest this year, reports NCGA's John R. Camper, especially the new "no-till" class, which was added as a yield class for the 1982 contest.

In order to qualify for the "no-till" class, a field must not be tilled during the fall season prior to the year in which the contest is held, with the exception of shallow disking (no deeper than 3 inches) to establish a cover crop, or shallow disking once to break up corn stalks; no tillage of a field already in sod during the prior fall season; and no soil disturbance took place after Jan. 1 of the year in which the contest is held, with the exception of that tillage done by the corn planter and in such case, no more than 25 percent of the surface area is tilled for the seed zone.

NCGA will continue the irrigated and non-irrigated classes. A completed application and a contest entry fee of $50 for NCGA members, and $80 for non-NCGA members must be postmarked later than Aug. 10 to qualify for the 1982 contest.

All corn farmers in the U.S. interested in entering the 1982 NCGA Corn Yield Contest should write to: National Corn Growers Association, P.O. Box 1623, Bloomington, Illinois 61701. Or call 309-557-3893 for more information.

Hemp dogbane

(Continued from Page C2)

fields of hemp dogbane. Available soil-applied herbicides can adequately control the weed at early seedling stage. But there are few techniques to eliminate established hemp dogbane plants.

"In the past, selective chemical controls were either limited or not available for infestations of hemp dogbane," says Richard Fawcett, extension weed control specialist at Iowa State University.

But now, roundup herbicide used through most selective applicators--rollers, ropewicks or recirculating sprayers--can provide as great as 80 percent control of hemp dogbane, Fawcett reports. He adds that this herbicide is effective for controlling hemp dogbane because of the herbicide's translocation property. Applied to the foliage of an actively growing weed, Roundup moves into the root system to destroy plant growth both above and below ground.

"When using a ropewick, which is basically a tube filled with a 33 percent solution of Roundup, two passes in opposite directions have given the best control of hemp dogbane in our studies," says Fawcett. "Plants below the crop canopy did not show severe symptoms the year of application, but hemp dogbane regrowing the following season was stunted. This indicated adequate lateral root translocation of Roundup."

Reduced threat of crop injury is another advantage to using the ropewick on hemp dogbane, says Fawcett, citing tests he conducted in 1979. "Farmers can generally expect to have less than five percent soybean injury with a ropewick treatment for hemp dogbane, while figures for crop damage can reach 35 percent with the recirculating sprayer."

Best results can be achieved by applying Roundup, according to label recommendations, when hemp dogbane is at the bud to flowering stage of growth.

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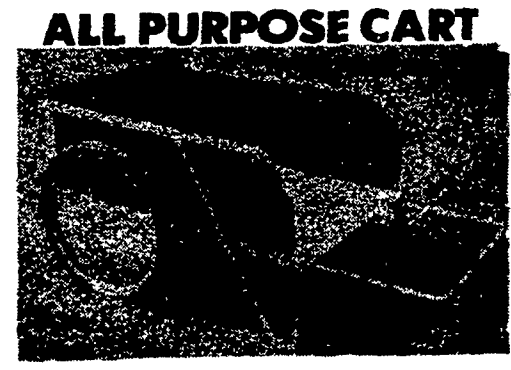

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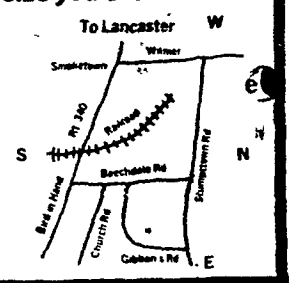

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Consider livestock comfort on hot days, too

UNIVERSITY PARK — When it's too hot for people, livestock may be even more uncomfortable. A temperature level of 80 F may be the point to take action, says Joseph A. McCurdy, Penn State Extension agricultural engineer.

"In most cases, good shade and plenty of water along with plenty of air circulation are the keys to animal comfort. Give dairy cows either shade with trees or artificial shade. If they are kept inside, mount extra fans to blow over their backs," he recommends.

Exhaust fans with a total air capacity of 200 cubic feet per minute per cow are recommended for winter ventilation in stall barns. These same fans can be used for summer use. Additional circulating fans of about equal capacity can be added in the litter or feed alley to augment the circulation. The general air movement should be down wind. This can be controlled by opening up on the windward side and closing next to the exhaust fans, McCurdy says.

Movement of air discourages flies and makes an ideal place to feed cattle during the heat of day. In most cases, water sprays do not work well with cattle. They raise humidity — a major cause of cow discomfort, he notes.

"Pity pigs when they are uncomfortably hot. Born without perspiration glands, there aren't many ways they can turn for cooling comfort," McCurdy says, pointing out some things farmers can do to keep pigs cool during hot spells.

"Provide a mist sprayer if hogs are on concrete. Turn it on whenever temperature climbs past 75 F. It needn't be fancy — a garden hose with good pressure will do the job for small pens.

"Provide at least one drinking cup for every 20 hogs.

"Provide 8 square feet of shade for each 200 pound hog in lots; 12-15 square feet for mature sows and boars. Add 6 square feet of extra shade per hog in confinement feeding setups."

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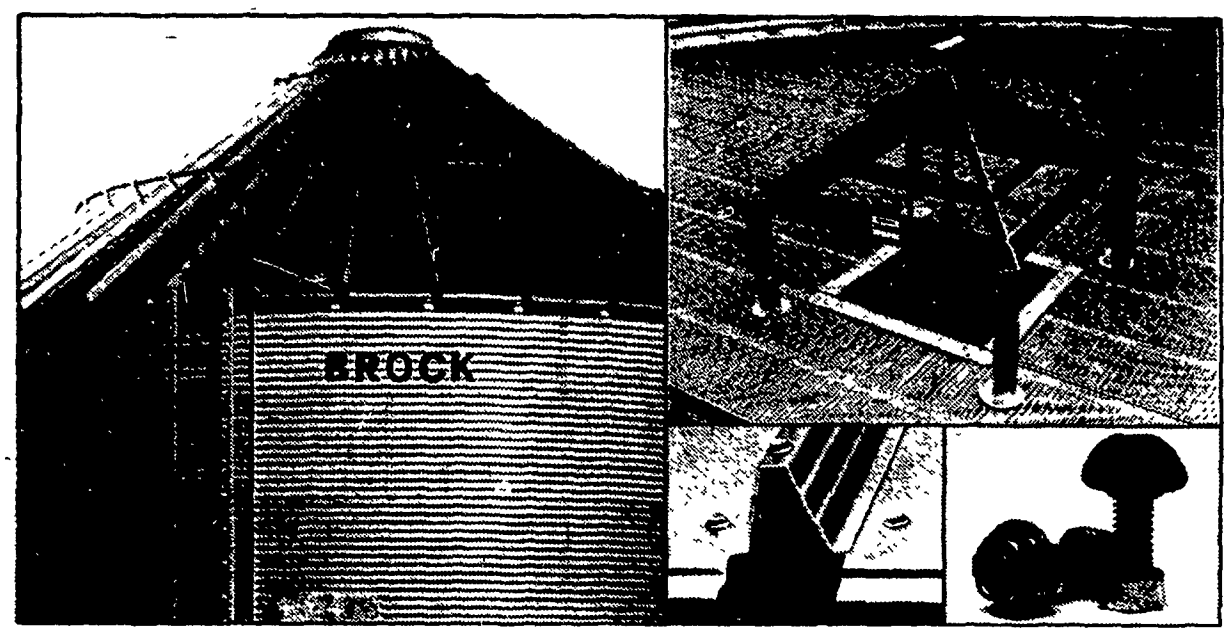

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Turn left onto Pleasant Valley Rd

Penn State potato day July 27

LANDISVILLE — Potato research and updated potato production techniques will be featured during a field day to be held July 27 here at the Souteastern Field Research Laboratory of Penn State. The program will begin at 9 a.m.

The potato field day is open to the public and will be held rain or shine, according to Richard H. Cole. Opening tours will center around potato pest managment research. Special emphasis will be given to control of the Colorado potato beetle.

Morning activities will also include new potato clones displayed from Penn State's potato breeding program. Plant breeding methods will likewise be described by the research staff the morning of July 27.

Crop rotations of interest to potato growers will be shown in the forenoon. At all events, Penn State staff members will be on hand to answer questions, Cole said.

Afternoon activities will include a demonstration of the potato bruise test kit to show how harvest operations can be evaluated to identify the source of harvest bruising.

Methods of pesticides spray applications will be evaluated using a special black-light technique. In the afternoon, sprays of a black-light dye will be put on potatoes with a variety of spray equipment. An evening (after dark) visit to the fields should be revealing by demonstrating the effectiveness of spray cover by different spray machinery.

An all-day display of home computer systems suitable for farm business operations will be available for inspection and discussion with the staff. Use of computers will be demonstrated in the afternoon.

To reach the Landisville research farm from the Pennsylvania Turnpike to the north, get off the Turnpike at the Lebanon-Lancaster interchange and go south on Route 72 toward Lancaster. One-half mile south of Manheim turn right onto Auction Road immediately after passing the Manheim Auto Auction. Auction Road leads directly to the Penn State field lab.

Coming to the farm from the direction of Harrisburg or Lancaster, take Route 283. Get off at the Salunga-Landisville interchange (make sure it is the Salunga-Landisville interchange). Go northeast on Spooky Nook Road one-half mile. Turn left onto Shenk Road and proceed to a red covered bridge. Turn left and go through the bridge. At this point, signs direct visitors to the Southeastern Field Research Laboratory.

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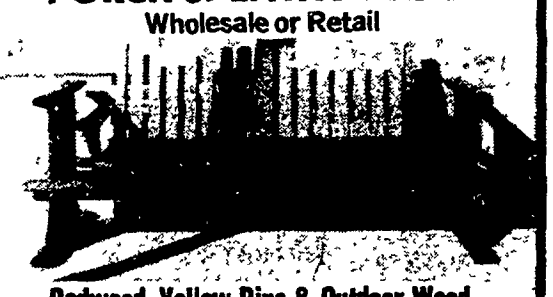
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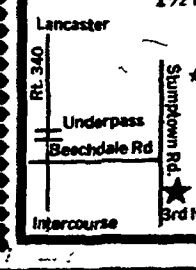

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BEAT THE SUMMER HEAT...
SPRINKLER COOLING SYSTEM
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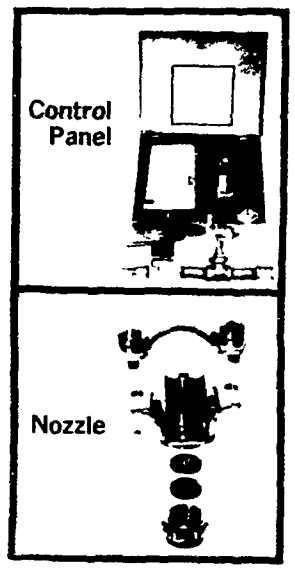
FOR HOGS

THE PROBLEM
When the temperature goes up, one of the first ways your body reacts is by breaking out in perspiration That's nature's way of cooling off
It's different with hogs High temperatures cause them a great deal of stress because they can't sweat When under this stress due to heat, hogs will lose their appetite, weight gains drop, there is poor feed conversion, conception rate is reduced and pens become a mess All of this adds up to lost profits

THE SOLUTION:
When the temperature is above 72° F even ventilation can't cure the stress that results But a sprinkler cooling system can help your hogs where nature fell short, giving them a chance to cool off It sprays them with coarse water droplets to reduce their body temperature The idea is simple, but extremely effective

THE SYSTEM:
The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F Throughout this "on" period the control functions to permit sprinkling to occur for a preset time period each hour (2 minutes/hour is recommended for best results) When the barn temperature drops below 72° F the cycle is automatically interrupted

The nozzles are clamped to a plastic pipe strung over the gutter of slatted area at the rear of the pen Each nozzel covers a 5-6 foot diameter area which usually means one nozzle per pen The nozzle assures a coarse droplet spray pattern which is important for maximum cooling A fine mist of fog is not desirable in geographical areas of generally high summer relative humidity



THE PROOF:

	Control Hogs not sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1 37	1 62	1 62	1 72
Average daily feed consumption per hog	5 84	6 77	6 72	6 67
Lbs feed per lb grain per day	4 38	4 18	4 16	3 89
Lbs feed save hog	0	22	22	49
Days earlier to market	0	1	11	15

Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results
These figures are calculated on hogs from 100 lbs up to 200 lbs

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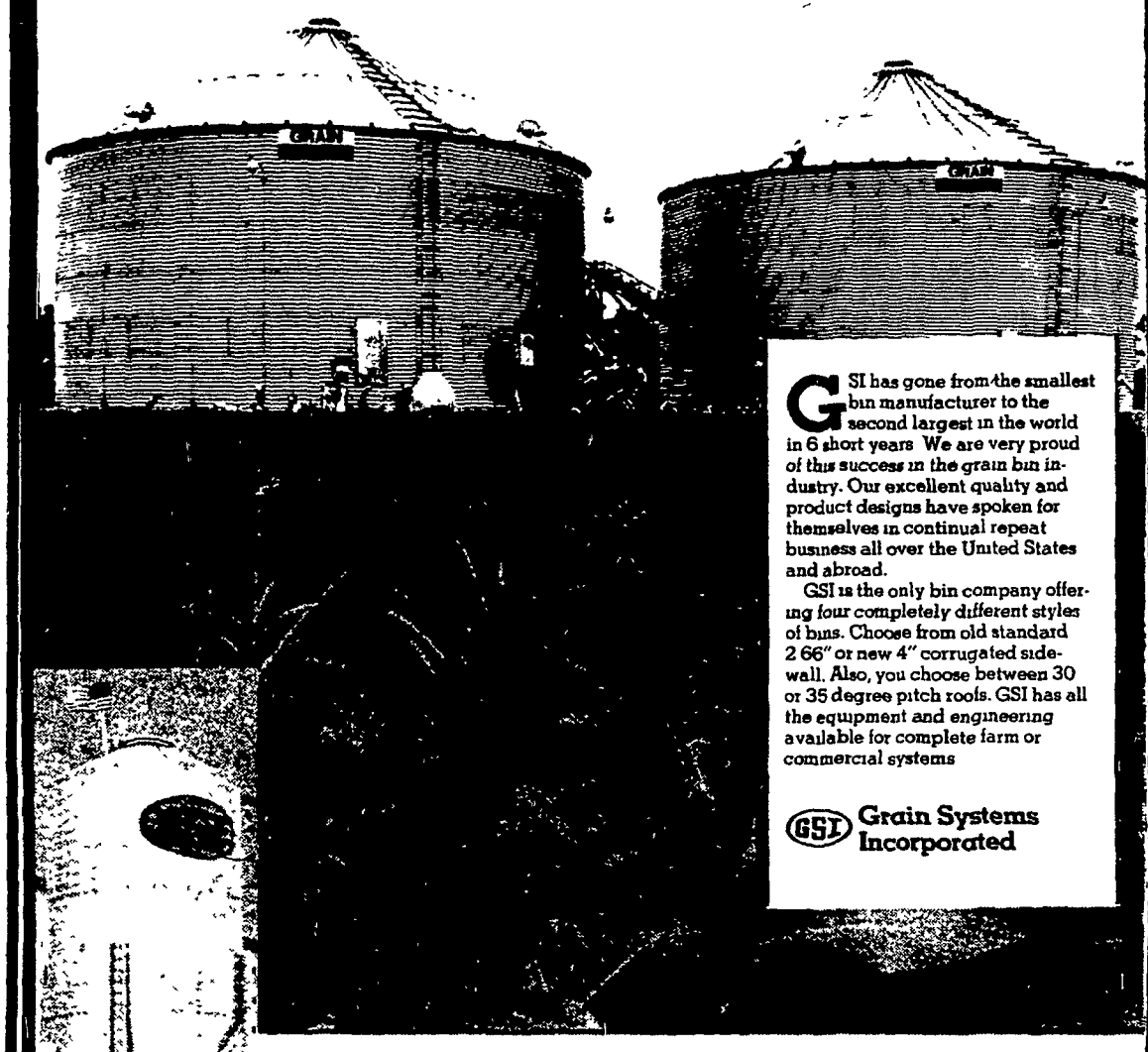

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HESSTON — The PRIME LINE

Control summer heat in broiler houses

NEWARK, DEL. — Every summer broiler growers watch fearfully for that prolonged, extreme heat wave. When broilers are exposed to temperatures above 100 F, some die. And when the temperature soars above 105, they die by the thousands.

In this catastrophe, the so-called "weaker" sex proves to be the stronger — about 90 percent of the casualties are cockerels.

Since cockerels in a flock average a half-pound heavier than pullets, and since older birds are more susceptible to heat stress than younger birds, the economic loss is usually severe.

According to University of Delaware Extension agricultural engineer Ernest W. Walpole, growers with modern, well insulated, mechanically ventilated broiler houses have the best chance of surviving a heat wave with minimum losses. Insulation resists or slows the heat flow into a building. In doing this, it stores a lot of heat. The insulation, the attic, and the whole house become quite warm and stay warm long into the night. The secret is to use the cool night air to relieve the birds, and to cool the house before the next day's heat returns. This is where the mechanical ventilation system has no equal.

Two systems are commonly used in this part of the country: fans fixed in the side wall, used with adjustable air inlets; and fans suspended from the center of the house, all blowing the same direction down the length of the house.

With fixed fans, air movement inside the house depends entirely on the velocity of incoming air. Therefore, keep windows or curtains and doors closed, says Walpole. Force all incoming air to come through the controlled air inlets. Adjust these inlets to get an air velocity of 800 feet per minute. Deflect the air toward the floor. (In winter it should be directed across the ceiling.)

Set the thermostats of one-third of the fans, providing about 1 CFM per bird, at 70 F. Early in the morning set the thermostats of the remaining fans at 85 F. The outside air should warm up faster than the pen air. The object is to keep the pen air cooler than outside as long as possible.

In the afternoon, when all fans are running, set the 85 F thermostats back to 75 F. This will keep them running most of the night, or at least until the house cools down to 75 F. The outside temperature starts dropping after 4 p.m. Use the cooler evening and night air to cool the birds and the house as rapidly as possible. There is no danger of chilling the birds or stressing them with drafts while the air temperature is above 75 F, Walpole says.

If fans are located in the center of the house, open all windows or curtains and end doors. Use 30- to 36- inch diameter fans, set no more than 40 feet apart. Blow air to the north or east end, depending on house orientation. If there is a heat wave the wind, if any, will be from the south to southwest. Blow the air with the wind; don't blow against it, Walpole advises.

Early in the morning, set all the fans at 85 F. With a open house, there is no need to start the fans before the birds are uncomfortable. Then, as with the first system, set the thermostats back to 75 F so they will continue running until the house has cooled off.

With both systems, provide adequate attic ventilation. Have continuous ridge ventilators or unit ventilators providing one square foot of exhaust area for each 200 square feet of floor area. Provide soffit inlets of equal area to the exhaust ventilators on the ridge.

If, in spite of your best management, the pen temperature gets above 100 F and your birds start dying, spray water directly on the birds using a hose with a fine mist nozzle. You may end up with a wet house, says Walpole, but the birds will likely stay alive.

Adams plans beef field day

The Adams County Beef Producers Association will hold a field day at the Paul Heffner farm from 10 a.m. to 4 p.m. on Saturday, August 7.

Featured will be a panel discussion on various phases of beef production.. Participants include Walter Laird, Angus cow-calf breeder; Charles Sunday, feed lot operator; Ginger Secrist Myers, Lancaster Farming correspondent; Millie Bonding, of the Lancaster Livestock Reporter; and Dave Sorosky, of Moyer Packing Company.

Robert Weikert, of Weikert's Custom Slaughter House, will also be a featured speaker.

Judging of four classes of beef will be held for 4-H and other competitors.

The Heffner farm is located five miles west of Gettysburg; left on old Rt. 30 to Flohr's Lutheran Church and Cemetery and left to the farm.

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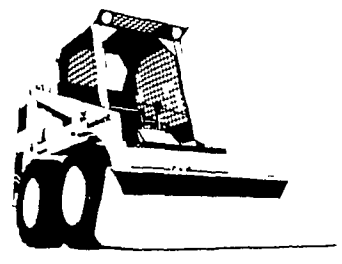

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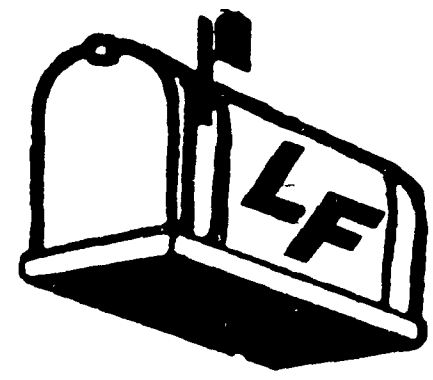

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JD 2010 gas, wide front, 3 pt. 814-793-4293

JD 4020 diesel, dual hydraulics, year-round cab, exc. cond. 814-793-4293

IHC 856, cab, original paint, 3 pt., 2600 hours. 814-793-4293

Late model JDA excellent condition. Runs well. Tires, new starter & battery. Will deliver $1400. Phone after 5. 717-992-4949

White 2-105, cab, air conditioning, radio, dual hydraulics, 540 & 1000 shaft, 1300 hours $14,500 814--793-4293

Ford Commander 6000 w.f., used no oil, $3500. 717-653-1568

FARM EQUIPMENT

HORSE EQUIPMENT
Nicholson Hay Tedder
IHC #9 Trailer Mower 7'
NI Rake and Tedder
NI Wheel Rake
NH 456 Mower (new)
NH 404 Hay Crusher
NH 24' Elevator
TOM WHEARY
Lancaster, Pa.
717-687-0102

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw- in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

LANCASTER SILO CO., INC.

STARLINE - SUPREME
VAN DALE
SILO UNLOADERS

2008 HORSESHOE ROAD
LANCASTER, PA. 17601

"LANCASTER" CONVEYORS
TAPER BOARD FEEDERS
BELT FEEDERS

"LANCASTER" CONCRETE STAVE SILOS - 10% JULY DISCOUNT
- WE MANUFACTURE & BUILD YOUR FARM SILO -
- A BEAUTIFUL WHITE, WET CAST STAVE SILO -
CHECK THIS CORN CROP - MAKE SURE YOU HAVE ENOUGH STORAGE FOR CORN SILAGE OR HIGH MOISTURE GROUND EAR CORN
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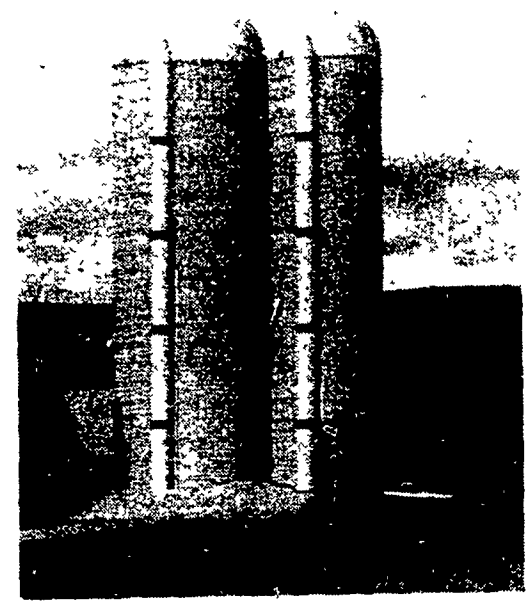

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OUR "SPECIAL"
"LANCASTER" BELT FEEDERS
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"LANCASTER" DOUBLE-CHAIN CONVEYORS

A COOL DEAL FOR THE HOT DAYS - KEEP THOSE DAIRY BARNS & COWS COOL & COMFORTABLE WITH A 36" PORTABLE FAN. AVAILABLE WITH ½ H.P. MOTOR & CORD, or GAS ENGINE
(as shown on picture)

July Sale Price $395.00

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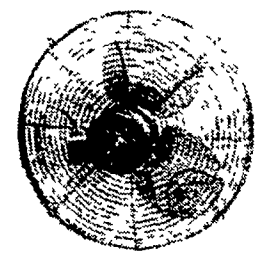

24" CIRCULATING FAN - READY TO PLUG INTO 110 OUTLET

$125.00 Ea. w/½ H.P. Motor

USED EQUIPMENT:

14' Van Dale Silo Unloader	$1690.00
10' Silo Matic Unloader ... SOLD	$1250.00
16' Patz Silo Unloader	$1600.00
Used Rotary Scythe	$1100.00
Used Cummings Diesel Power Unit w/Clutch Overhauled	$4500.00
Used Zook Liquid Manure Elevator Good Condition	$1200.00
Used Starline #1388 Conveyor	$595.00
Used Sputnick Milker Transfer	$800.00
Used 2-Can Milk Cooler	$75.00
Used Heavy Steel 9" Auger w/Motor & Hopper	$350.00
N.I. Single Row Corn Picker	$3000.00
Used 10 H.P. BRIGGS Motors	$150.00

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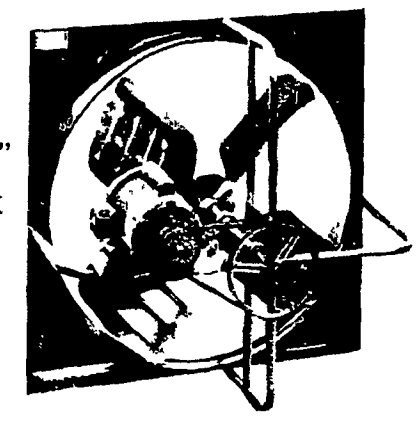
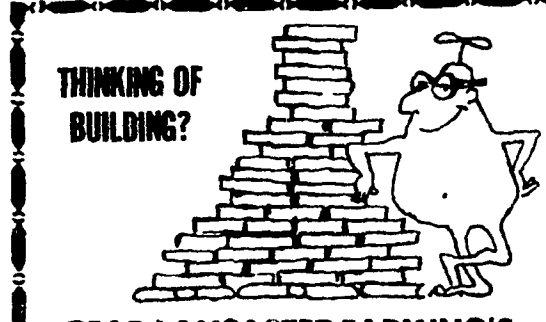
LARRY - OFFICE

HEAVY DUTY BARN FANS
BELT DRIVE OR DIRECT DRIVE

30" & 36" IN STOCK





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FARM EQUIPMENT

POTATO PACKING LINE. Complete late model Haines, 25 cwt. per hour capacity. Will consider tractor trade. 717-386-4249 evenings.

JD 48 Loader with bucket $1400 or best offer; JD 3 bottom plow $300. 609-921-8485 eves.

For Sale - JD 4010 with 4020 clutch and trans., good rubber, exc. condition. 717-872-4141

Bunk Feeder, Brillion tapered board 60'. Good condition. Call 717-538-1553

FARM EQUIPMENT

1974 GMC ¾ ton camper special equipped to pull house trailer; 1960 Ford tractor 801 w/9 pieces of equipment; 1963 Dodge power wagon w/200 Amp welding machine, tool boxes, power winch, 2 snow plows, 1 angle, 1 V plow. 609-397-0904 call between 5 and 9.

FMC sweet corn harvester, model 12, single row, Wisconsin motor. Field ready. 301-676-6887 after 8 p.m.

4490 Case 4WD, 1½ yrs. old, 430 hrs., 30.5x32 rubber, air, stereo, 3 pt., 1000 PTO, 412-865-2569

NI-UNI equipment 713S grain head with sensors and 740 feeder house, both excellent. 710 combine and 729 sheller, Warren Co. 201-537-4460 after 6:30 P.M.

FARM EQUIPMENT

200 Farmall, fast hitch, cultivator and mower, good. $1750. Lanc. Co. 717-684-0143.

STORAGE TRAILERS FOR RENT - Delivered to your sight, economical. 301-771-4529 anytime or 717-354-7006.

T-55 baler asking $225 and electric lift gate. Asking $800. Call 717-943-2258.

Haybaler JD 336, exc. cond., only used 2 seasons, if you need a baler, this is it. 301-879-0822.

For Sale - Lowboy equipment trailer, 12,000 lbs. R.G.W. 20' 2 axle loading ramps, exc. cond. 717-966-3961.

Four tractors for sale - 9N, 8N, MF and a IH cub with six foot mower deck - each $2100. and in excellent condition. 609-585-4356.

case

Case 2590 w/401 hrs., like new, fully equipped, still under warranty
JD 4030 Tractor w/canopy in A-1 Shape
MF 1100 Tractor
IH 3500A Loader, Tractor, Cab, Backhoe
Case 580C's Loader/Backhoe/Tractors. Some only a few years old, traded for D's.
1980 Massey Harris 450 Round Baler
Hesston 5600 Round Baler, traded for larger model.
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
Ford 7600 w/1300 hrs.
Ford 7000
Ford 1100 repossessed 4WD w/loader
Ford 960 Tricycle
(2) Ford 600
Ford 8N
IHC 656 gas, 2200 hrs.
IHC 504 Gas, Tricycle W4R Cult.
Case 680 C Tractor/Loader
Case 430 Backhoe Loader
JD 2510 Diesel
MF 203 Backhoe Loader
David Brown 990
Massey Harris 44

EQUIPMENT
NH 479 Haybine
NH 1495 SP Haybine
NH 469 Haybine
NH 56 Hay Rake
NH 78 Baler w/thrower
JD 14T Baler
JD 24T Baler
JD 1209 Mower Cond.
(2) NH Wheel Rakes
Hesston #10 Stack Wagon w/Stack Mover
New Class Combine w/4 Row Corn Head & 15' grain head
MF 82 Combine w/13' grain head
JD 45 w/12' head
NH 516 sgl. btr. spreader
JD spreader
14' Schwartz Roll Back Body w/winch
Lawn & Garden Tractors w/Mowers

CHARLES S. SNYDER INC.
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Nothing runs like a Deere

JOHN DEERE

THIS WEEK'S SPECIAL
JOHN DEERE SUPER TRACTOR SAVINGS ON 2040 THRU 8850
Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads
NH 1495 Haybine, No Interest for 12 Months

USED TRACTORS
JD 3010
JD 2640
JD 2840 w/Loader
Farmall A w/Cultv, Plow & Pulley

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3800 Forage Harvester w/2RN
Fox 2200 Fg. Harv. w/2 heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
NH 271 & 269 Balers w/Throwers
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.

USED TILLAGE
9 Shank Soil Saver
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.

MISCELLANEOUS
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
EZ-Flo Gravity Boxes

NEW TRACTORS
JD 2040
JD 2640
JD 2940 SG
JD 2940 4 Whl. Dr.
JD 4240 RG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 337 & 347 Balers
NH 311 & 320 Balers
NH 1495 SP Haybine
NH 489 & 495 Haybines
JD 660 Rake
NH 256 Rake
JD 714 Fg. Wagons

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
Bobcat 743
Repo. 731

NEW SPREADERS
NH 519
JD 450 Hydro Push Martin V Type & Scavenger
H&S Spreaders

NEW DRILLS
JD 8200 18x7

No Finance Charge on new and used JD tractors until Jan. 1, 1983

No Finance Charge on NH Hay and Forage Equipment till Jan 1, 1983

Store Hours
Mon., thur. Fri. 7:30 to 5:00
Sat. 8:00 to 3:00

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

(Combines, Tractors and Equipment on our Lot.

(Combines) Used 76 JD 4400 Dsl. looks like new; 1975 JD 4400D very nice and field ready. 1978 Int. 715 Dsl. w/air, German dsl., 23" tires very nice, 1975 JD 7700 turbo hydro. JD 8820 fully eq. w/4 whl drive and dual wheels used 1½ seasons like new, New JD 4420 fully equipt. 443 C.H. 1976 JD 6600 D, INT. 1440 axiel flow w/4 wheel drive, used 480 hrs., White 8900 used 400 hrs. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner K C.A. w/grain, real nice, JD 6600 Side Hill turbo, hydro, floating cutter bar, real nice, for $36,500.00, 1976 Int. 915 w/Choice of heads, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head. MF 510D Hydrostatic w/mud hog rear wheel drive w/Quick tach grain and 44 Lo Profile corn head. 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 15 Ft. grain.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int. 715 gas w/cab, 810 grain and 844 C.H., Int. 810-15 -ft. floating cutter bar.

MH Super 26 SP w/10' head, 1 owner, field ready.

1978 MF 760 V8 Hydro w/2 heads; Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. MF 550 D w/13 ft. grain, 1972 Gleaner F w/grain & C.H. N.I. 702 D uni w/cab $9000; NI 702D Uni w/cab $6500.

N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl., N.H. 1010 Bale Stack Wagon

New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, Farmall 1256 w/cab & air, (4) real nice balers, Int. 445 baler w/thrower like new NH 320 w/thrower, used 1 season. JD 346 wire w/thrower; JD 24T w/#30 kicker, Hawk Built round baler.

Corn Heads JD 643, 444, 443, 843, 435N, 313 for 45C, 334, 235, Massey Ferguson 44, 63, 43, 1144, 24, 222, 422, Gleaner L438, F430, 421, F438, A430, K238, M439, F335, F330, K330, Int. 863, 844, 843, 744, (SOLD) 743, 227, NI 4-row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643, used White 706N C.H. used JD 444.

New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 1066 w/cab & air, very nice, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, 766D w/38" tires and 3 pt., new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 1966-3020, 3020D WF and Diff lock. We have 6 JD 4020 side console diesels. MF 175D w/Loader, JD 2440 w/R.G. 2840 for $12,000, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 5020 original w/dual wheels; 4020 WF power shift w/new tires, JD 300 loader and backhoe, JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320. Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

Just Purchased Equip. Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic, cab and dual wheels-nice. JD 4010 D. W.F. JD 4010 Tri D, Farmall 460D F.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. New Case 2090 cab, air, P.S. $23,000. JD 4020 gas, p. shift, Deutz 9006, Long 350 D, JD 60 w/cult. $1475; Farmall MTA $1075. Super H-985. Haybines Used N.H. 489 real nice $4975. NH 469 $1495. New Idea 7 ft. cut/ditioner $975. Hay Rakes JD 896 for $585, Super M new paint $1400.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row rear $495, JD 6 row rear $695, JD 215 13'9" disk used 2 days, JD 8300 18x7 XX Disc w/grass seed drill, like new; Int. 56 blower $395; New Int. 2250 loader

CORN PICKERS - (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. NI 323 one row, Int. 234 w/12 roll bed. JD 3800 2 row chopper

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4020 (SOLD) gas, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab, 1970 JD 4020 Power Shift & Dual Hyd., 1520.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 706 Gas, 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, 560D., Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, 1200, JD 210, 200, 112.

HARVESTERS. New JD 3940 w/2 row C.H. new Int. 720 w/2 row, tor 7475.00. JD 38 w/2 row pickup N.H. 770 w/2 row, Used Int. 720 - 2 row, tor $4650. J.D. 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. Grove Forage Wagon w/roof, NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.

ALLIS CHALMERS 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 2020 w/loader, JD 3020 P.S. Gas JD 4030 w/R.G. and Quad. JD 60 w/P.S. and JD 60 w/2 row cult., JD 630 w/3 pt., JD. A.

FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 686 Dsl. w/1600 hrs. 1086 w/Rops, 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 756 WF 3 pt. original, 656 Hydro D. WF 3 pt. original, M, 400 w/P.S. & F.H., Super M, M w/power steering, live hydraulics and loader,

New White 2-105 w/cab $22,850. Oliver 1755 w/cab and air. 2255 w/V-8 cat and new over and under shift.

MASSEY FERGUSON - 2805 w/24 spd. duals 700 hrs. real nice. Used 2775 w/duals (SOLD) MF 1105 chain, very nice, 135 gas (SOLD) used 1080 w/duals, 1130, MF 180D.

(Case) New 2090 Cab & Air, power shift $23,950; 1070 P.S. original for $7450 Case 1410D.

Case 4890 4 whl. drive used 400 hrs. like new fully eq.

Case 1370 - P.S., Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, Ford 8600 w/Dual Power used 1800 hrs., 6000 Commander, D, MM S670 diesel.

1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, JD 4520 w/cab, Long 350D w/mtd. broom; Int. 460 utility w/loader, 1972 JD 4020 w/factory cab original, JD 700 gr. mixer, Woods 4 row stalk shredder.

N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, JD 216 flex heads

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 955 & Cat 933 crawler loader, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 720, 700. Ford CL40 Skid Loader.

PLANTERS Used JD 6 row Conservation, fully eq. real nice. 7100-12 row no til hydraulic fold soybean special (SOLD) New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, Bearcat 950 Grinder Mixer used twice, like new. Int. 1250 Gr. Mixer w/elect. scales-nice, N.I. 325 picker w/sheller. Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; New N.I. 299 for $4200 (used haybines), MC 7' rotary scythe, NH 469, 467. New Gehl 1600 round baler list price $10,500.00 Our Price $7950.

New Caldwell 8 ft. heavy 3 pt. blades. Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult, used Glenco SS9 soil saver.

Glenco 12 ft. 9" Soil Finisher like new.

Hay Equip. dealt for this week. New Kuhn Hay tedders, Used New Holland 489 haybine like new, (New) NH 90 round bale handler, $1400.00 used balers, Oliver 620 w/thrower, real nice, MF 12 Baler, New JD 454A row crop, bean head. NH 27 blower.

Planters Oliver Planter 6 row w/no til fert. fill, inst. and monitor, (Grain Dills), Used M.F. 43 drill, real clean, NH pick-up heads for 770, 717, (2 offset Disks) Wilbeck 12' offset like new, JD Disks #210. Int. #480-22 ft. Wing Disk, J D 1640 - 13 ft. plowing disks. Badger 1500 gal. liquid tank spreader.

PLOWS - Int. 6X spring reset, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. 3 rollover plows - Int. #140 - 4x18, JD 4x16, Oliver 4x16 rollover, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Used Brillion 10 ft. chisel plow, new Int. #80 snow blower; New Johnson loader.

Flail chopper, Gehl 72, JD 15A.

Int. 400 4 row air planter $975; Brady 3 pt. 10 ft. chisel plow.

Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, used Long 1199A 3 pt. backhoe, like new $3850.

Loaders - used JD 58 MF loader for 1105 Int. 2000 Loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) Int. 715D, MF 510.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/51,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine - trailer, 1982 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (10) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT

14' Dahlman potato bin on Gehl trailer, $1200. 215-593-5004

MF 275 tractor, like new w/850 hrs. w/roll bar & sun roof. $10,500. 302-945-1112

856 IH, 3 pt., wf, 3000 hrs. 717-987-3761

For Sale - JD 730 diesel, WF, 3 pt. hitch, direct start, power steering. White 348 3-18 automatic reset mounted plow. Both exc. cond. JD 17x7 Disc Drill, good cond. 717-734-3084 after 8 p.m.

New NH 114 pivot tongue windrower with 12' header and hydrostatic drive. List price $13,193. Sale price $8750. Hess Farm Equipment, Canton, PA 717-673-5143

For Sale - solid oak hay wagons with new 8 ton running gears, last minute price, $1025. 717-658-2593

FARM EQUIPMENT

PTO Nicholson Hay Tedder; 200 and 300 gal. sprayer; 3 pt. hitch for JD A or B. 717-687-8021 evenings.

M2 Gleaner combine, corn soybean special, 15' head w/robot control, 4 row corn head, 987 hrs. Call after 6:00. 301-755-6978

For Sale - Allis Chalmers potato harvester, very good condition. $3500. 203-644-1454, after 8 p.m.

For Sale - American Model #1 saw mill, 5 head blocks, 1-50" saw and 1-52" saw power unit & hooks, everything complete. Phone 717-776-3705

Ag Bagger w/elevation and back stop, call after 8:00 p.m. 215-347-2309

For Sale - Deutz 68-06, 1600 hrs., exc. condition, $10,000 or best reasonable offer. 717-426-2659

FARM EQUIPMENT

...and quick attach heads, 13' grain, 4 row narrow corn, extra nice, best offer. Lancaster Co., PA 717-284-2761

Complete 25 hp Onan engine electric start, New. $650. Call after 6 p.m. 215-767-9186

#230 Farmall tractor, very nice condition, new tires, fast hitch, scraper blade goes with it. 215-593-6577

For Sale - Ford 4000 3 cyl. gas 12-28 tires; Gehl CB800 forage harvester, pickup and 2 row corn heads, used 200 acres. Lancaster County. 717-872-6424

New gravity wagon, New Little Giant hay elevator, 34'. Alfalfa hay. 717-776-7724

For Sale - Model 216 Steiner mixer w/scales & motor $7500. Call 717-733-1206

FARM EQUIPMENT

MF 1080 diesel, cab, low hours, excellent condition 814-793-4293

JD 3020 diesel, wide front, 814-793-4293

For Sale - Better Bilt vacuum tank spreader 800 gal. flotation tires. 25 ft. hose. Price $1800. Ph. 717-527-4458

2 hay wagons (Grove running gears) for sale - side delivery rake JD 640, #5 JD mower, front end tractor weights to fit JD tractor, 227 mounted JD corn picker. 717-235-4270 after 4:00.

For Sale - Aswalt 320 mixer wagon - ¼% scales 215-562-7218.

JD L, electric start, lights, plow, cultivators. 717-725-3402

For Sale - JD 730 diesel. Pony motor, wfe, 3 pt. hitch, fenders, dual hyd., outlets, exc. condition. 814-643-3079

FARM EQUIPMENT

Fidelity PTO generator, 40 KW, used very little, mounted on cart. Fox forage harvester, self-propelled Max I, pickup head, 3 row narrow corn head. 301-658-4381 before 7 a.m. 658-3238 after 7 p.m.

For Sale - New NH 310 baler super sweep pickup. Flotation tires, $5,200. 717-768-3197

Combines: Small or large from Ind., Ill., Corn belt sheddred machines, most headers available. Wholesale prices, Call Collect "The Combine Man" Larry Stalter. 219-862-2151

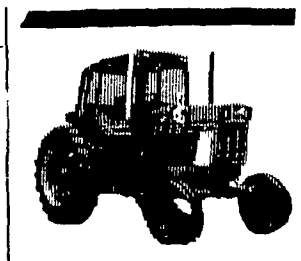
International 656 diesel tractor. NH 718 harvester w/power sharpner. Both in excellent condition. Cumberland Co. 717-776-7542

FARM EQUIPMENT

3010 JD tractor, gas, $3200; cultivators for B Farmall, $125. 301-253-3688

JD 45 combine w/12' fully equipped grain platform & 234 2 row cornhead. This machine is the latest model built, with cab and low hours. It has been stored in side and looks like new. 717-334-2760

FARMALL TRACTORS
Cub Lo-Boy w/mower
Cub w/mower and S. Plow
Cub Disc Harrow
Super C w/f.h.
Wide Front for Super C
Cultv. for above tractors
IHC 2R f.h. corn planter
Mott 5' & 6' Hammer Knife Mowers 3 pt. h.
T.J. WHEARY & SONS
Lancaster, Pa.
717-687-0102 or 687-6553



SPRING SALE
NEW TRACTORS
3288
584 R/C
384
184 w/Woods mower

USED TRACTORS
Farmall 504 w/3pt.

NEW EQUIPMENT
Morridge grain dryers in stock
720 automatic 5x18 btm. plow
510 5x18
420 3x16
475 11 ft. 6"
350 10 ft. 3"
1190 7' mower cond.
445 baler w/thrower
35 rake w/dolly wheels

USED EQUIPMENT
Used #56 2R corn planter
510 plow 5 bottom, 16", $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

M.M. WEAVER & SONS, INC.
LEOLA, PA. 17540 PH: 717-656-2321
Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	$5700.00
(4) MF 1 row Corn Head for 200	@ $900.00
MF 22 Bale Thrower	$1520.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975.00
(2) Mott 3 pt 72" Flail Mower	@ $1500.00
(4) Farmhand Corn Processor	$4500.00
(4) Conveyor For Above	@ $950.00
Farmhand 815 Grinder Mixer	$4900.00
EZ 14' Forage Box, Roof, 10 Ton Gear	$4015.00
EZ 14' Forage Box, 10 Ton Gear	$3715.00
EZ 14' Forage Box, 1074 Gear	$3950.00

USED HAY - FORAGE & PLANTING

MF 1050 Grinder Mixer	$3850.00
Brady 1680 Flail Chopper	$2900.00
New Idea 315 Picker Sheller	$1800.00
JD 12A Flail Chopper	$1250

TRACTORS USED

AC 7045, Power Shift, Only 120 Hrs	$26,500
MF 1800	$15,500
MF 1155 8 Sp	$11,000.00
MF 1155 w/Cab	$15,000
MF 33 Wheel Loader	$9000.00
NW 71 Skid Steer	$8000.00
Long 9500 Diesel	$4500.00
MF 2675	$20,000.00
MF Super 90 Diesel	$4,500.00
JD 4430 Less Cab	$15,000
MF 1130 engine overhauled	$8000
MF 275 w/Loader	$12,000
MF 175 Diesel	$4500
Case 1070 w/Cab	$6700

DEMO TRACTOR

(2) Ind 20C Tractor Cabs	@ $1500.00
MF 4840, 265 Hp, 18 sp 3 pt. P T.O	$59,000.00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	$230.00
(4) York 7' Scraper	@ $250.00
York 7' Scraper	$500.00
York 8' Scraper	@ $550.00
MF 226 Scraper (3)	@ $460.00
MF 8 10 Ton Gear 11L	$1140.00
MF 7 8 Ton Gear	$775.00
MF 86 12 Ton Tandem Gear	$1525.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 672 6 Ton Gear	$675.00
EZ 872 8 Ton Gear (3)	@ $830.00
EZ 1074 10 Ton Gear	$1050.00
MF 216 Q A Loader	$1750.00
MF 32A Loader	$3500.00
Dunham 22 Loader (2)	@ $2550.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
EZ 170 Bu Gravity Box (2)	@ $530.00
EZ 220 Bu Gravity Box	$900.00
Danuser Post Driver	$1300.00

NEW & DEMO PLOWS & TILLAGE

MF 43 2-14 Plow	$1060.00
MF 129 3 pt Chisel Plow	$1375.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10'	$4950.00
Dunham 14' Cultipacker	$1350.00
MF 428 4-38 Cultivator	$1250.00
MF 620, 12' Disc Harrow	$4950.00
Glenco 7 Tooth Soil Saver	$5600.00

USED PLOWS & TILLAGE

MF 520 Disc 10'	$1500
Oliver 4x16 Semi-Mtd. Plow	$1000
Ford 5x18 On-Land Plow, Auto Reset	$2000
IHC 16' Vibra Shank	$1500
JD 28' Rotary Hoe	$1800

WE SOLD 20 NEW MF COMBINES LAST WINTER. CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

USED COMBINES

1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$62,000.00
1979 MF 760 V8, 14 Ft Grain Head, 1163 Corn Head	$51,000.00
1979 MF 760 V8, with Grain Saver & Chopper	$45,000.00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver	$48,000.00
1978 MF 510 Hydro, 13 Ft Grain 4 Row C H	$27,000.00
1977 NH TR 70 only 415 hrs	$22,000.00
1976 MF 750 Hydro, 14 Ft Grain Head	$29,000.00
1976 MF 750 Gear Drive, 14 Ft. Grain Head, 1144 C H	$31,000.00
1975 MF 760 V8, 15 Ft Grain Head	$29,000.00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500.00
1974 JD 6600 Dsl, 13' Grain Head	$28,000
1972 MF 760 Gear Drive, 16 Ft Grain Head	$19,500.00
1972 MF 510 Diesel Hydro, 13 Ft Grain Head	$14,500.00
1972 MF 410 Diesel 13' Grain Head	$12,500
1970 MF 510 Diesel Hydro, Less Heads	$12,500.00
1968 MF 510 Diesel, 13 Ft Grain Head, 43 Corn Head	$15,500.00
1968 MF 510 Diesel, 13 Ft Grain Head	$12,500.00
1968 Gleaner Cli, 13 Ft Grain Head, 4 Row 36" C H	$8500.00
MF 510 Gas, 12 Ft Grain Head, 421 Corn Head	$9000.00
IH 315 Gas, 12 Ft Grain Head, 2 Row Corn Head	$7900.00
IH 315 Gas, 12 Ft Grain Head	$4900.00
IH 141, 10 Ft Grain Head	$2000.00
IH 303, 10 Ft Grain Head, 2 Row Corn Head	$3900.00

USED MISC. EQUIP.

Fontana Loader	$800.00
Century Sprayer	$1250.00
7' Snow Blower	$600.00
Brady 140 Flail Spreader. As Is	$150.00
Sauder FHV20 Loader	$400.00

EXTRA SPECIAL PRICE ON NEW MF 540 COMBINE

Nothing runs like a Deere

SPECIAL OF THE WEEK ON NEW EQUIPMENT

	List	SALE
JD 2600 plow 4 btm 18	$7 100	$6,000
JD 225 offset disk	$6.100	$4,250
JD 40 spreader	4 035	3,600
JD 445 flail spreader	5 150	4,250
JD 709 rotary cutter	2 550	2,250

NEW EQUIPMENT

	List	SALE
JD 125D skid steer	$18 500	$13,500
JD 90 skid steer	$10 800	$8,000

JULY USED EQUIPMENT SALE
TRACTORS

	List	SALE
JD 4000	$12 500	$10,500
JD 4010	8 900	8,400
JD 2520D ps	8 500	
JD 2510	7 000	6,200
JD 2030	8 500	
JD 730 diesel electric start	4 200	3,200
JD 70	2 800	2,400
JD M1 w cultivators & plow	2 100	1,750
JD A w 227 picker	2,200	1,750
JD A	1 800	1,400
Case 995	8 850	6,800

BALERS & COMBINES

	List	SALE
JD 24T baler w #2 ejector	$1 700	$1495
JD 14T baler	$795	$650
JD 6620 combine 1 yr old	62,500	58,000
JD 4400 combine	29 500	26,500
JD 643 corn head	11 900	10,000
JD 444 corn head	8,800	7,000
JD 213 platform	4 800	4,000

CORN PLANTERS & DISKS

	List	SALE
JD 7000 w/min till coulters	$6,500	$5,200
JD 1240	3,000	2,400
JD 494A planter	$1495	$1195
JD 290	350	300
IHC 56	2,600	1,800
JD KBA disk	1,200	800
Pittsburg disk	1,600	1,200
IHC disk	1,195	750

OTHER EQUIPMENT

	List	SALE
Ontario drill 16x7	$3 000	$2,600
JD 110 chuck wagon	1 500	1,000
Kools forage blower 1 000 RPM	1 275	995
JD 35 harvester	2 800	2,500
JD 410 side mower	250	200
JD 1209 mower conditioner	2 850	2,200
JD 125 plow 4 16	1 275	1,000
JD 145 plow	2 100	1,900
JD 48 loader	1 495	1,250
JD 37A loader	995	850
Woods 84 rotary cutter	1 795	1,600

Waiver of finance on Hay & Forage Equipment January 1, 1983
Waiver of finance on Corn Planters April 1, 1983

Waiver of finance on New & Used Tractors Janaury 1, 1983 John Deere money with the purchase of any new tractor

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

USED TRACTORS
JD 620 Tricycle
JD 450 Crawler/Loader
(2) JD 50's, 1 w/cult.
JD "A" w/45 Loader
JD "A" w/Kosch Mower
JD 4040 Power Shift low hours, like new
IHC H Tricycle
Int Cub Lo Boy w/60" Mower
Ferguson TO-30
Ford 9N

NEW CHOPPERS, MIXER
JD 16A Chopper - Shop Worn - Low Price - $3995
NH 38 Chopper - Shop Worn - Low Price - $4250
NH 353 Grinder Mixer - $5895

NEW COMBINE
JD 6620 Combine, 15' Table, 6-Row Cornhead

USED COMBINE
JD 4400 w/Choice of Heads
JD 215 Grain Table, Used 1 Season

USED HAYBINES
NH 479 9' Haybine
NI Mow/ditioner

USED BALERS
NH 283 Baler, Good Cond., 16"x18" Bales
NH 269 Baler w/Thrower
NH 53 AL Thrower

★ **NEW MACHINES**
Priced FOB - No Trade!

SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Rt 143, Lynnport, PA 18066
PH: 215-298-2011

FARM EQUIPMENT

357 Hawk Bilt tandem axle spreader. 368 NH single axle spreader. 44 standard drinking cups Two Clay barn cleaners with 225' heavy duty chain. 380' of 16" gutter grates. Lycoming Co. 717-494-1090.

For Sale - Ford 5-18" on land automatic reset plow. $1500, 717-656-2321 Leola, Pa.

For Sale - JD 17' wing disc; Brillion 10' harrow transport. Brillion 11' cultipacker and two 4' packers; 1600 gal. liquid manure tank mounted on Chevy truck; also, 1½" glass pipeline for 50 cows and receiver jar 717-944-4580 or 2853.

JD 4020 diesel, wide front, good condition, $7,400 717-532-7054

For Sale - JD 105 combine 13' grain, 6RN, 4RW, good condition 9 ton 3 axle tag along trailer. Call eves 215-346-7422

For Sale - JD 4010 gas tractor, $3500. 717-532-8601

1206 Haybuster no-till drill, pull behind, $10,000 Call John Hunter Jr. 301-349-5432

FARM EQUIPMENT

Notice - Tractor and engine repairs and complete rebuilding done. Experience and reasonable rates. Stephen Fisher, Box 114, R1, Lincoln University, PA 19352

For Sale - 22" Frick threshing machine, in good shape, Ebersole feeder. Henry P. Esh, R.D. 1, Stumptown Rd., Ronks, PA 17572

One Massey Harris #82 self-propelled combine w/cab, 12', gas. 671 silostaves, flat on bottom, 30"x12½" long Snyder Co. 717-658-2443

Hesston 1520 self-loading liquid manure spreader, spread 200 loads, like new, $4500. Reason for selling-went to irrigation 904-629-4734

3 COMBINES AND BALER - Gleaner Model F w/13 ft. flex head and 3 row corn head, diesel, very good $25,000; Gleaner Model K w/10 ft. grain head and 2 row corn head, like new $12,000, Gleaner Model G w/4 row corn head $8500; John Deere 24T baler w/#2 bale thrower, ready to work $1295. Private owner. 717-568-5413 before 8:30 A.M. or after 5 P.M.

FARM EQUIPMENT

For Sale - AC 185 with turbo, 960 hrs., exc. condition; also model 880 tub grinder, So. Lanc. Co. 717-548-2626.

Satoh 650G, 25 HP wide set tires, 3 pt., CAT. 1, only 371 hrs., exc. cond., must see. 301-879-0822.

For Sale - 3400 A IHC D backhoe loader, 2200 hours, 1974, excellent condition. 717-966-3961.

One R.M. 90 Woods heavy duty mower $1,000; one JD 5' rototiller PTO $980; one #333 Codaphone answering service $250. All three in excellent condition. 717-859-2206.

Wanted - Hesston P10 haybine for parts or just bottom roller. 215-348-5514

674 Int 4000 Ford w/loader, 2840 JD and other tractors and equipment. E.A. Bohrer 304-229-8354

Super 1000 Fox forage harvester, 2RN and PU, knife grinder, IH 6X reset plow. 814-766-2733.

For Sale - Farm I JL 306 skidding winch. Attaches to any 3 pt. hitch. Rated 25-50 HP PTO. Excellent for firewood/pulp wood. No reasonable offer refused. 717-667-2066.

FARM EQUIPMENT

New 847 NH round baler w/auto. wrap and bale ejector $8,200 (one only)
New 310 NH baler w/70 NH bale thrower. $6,500 (one only)
New NH 1495 haybine Perkins diesel 12' header, full cap, air conditioning, hydrostatic drive $24,500
Used 495 NH haybine. $3,500
Used 8600 White combine, no heads $15,000
Used K2 AC Gleaner combine w/10' grain head and 2 row wide corn head. $18,000
Used Hesston PT 10 $1,200
Used NH 36 flail chopper $1,500
Used NH 36 flail chopper $1,700
1810 Oliver loader, $1,000
1209 JD mower-conditioner, $2200
Used 275 NH baler w/bale thrower $2,500
Used 45 IH baler $500
Used 430 IH baler w/thrower, excellent $2,000

FARNSWORTH SUPPLY
103 Cemetery Street
Hughesville, Pa. 17737
717-584-2106

FARM EQUIPMENT

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK
Used Deutz D10006, 105 h p
Used Deutz D4506 1500 hrs heavy duty trans., power adjt wheels
Coming In MF 1085 w/cab & air cond., low hrs

NEW TRACTORS & EQUIPT. IN STOCK
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor 68 h p
D4507 Deutz Tractor 45 h p
DX 130 Deutz tractor w/cab & air, 121 h p
Custom built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20 32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT

HYPRO
Hypro puts the pressure in washers and sprayers. 2 to 25 GPM pressures from 400 to 4000 PSI.

TeeJet
Spray nozzles, valves and accessories for all spraying and washing applications. Your Farm Implement Dealer has PARTS AND SERVICE.

This ad with your dealer's order entitles him to a $5 credit on your Hypro or TeeJet needs.

EECO INC.
4021 N. 6th St., Harrisburg Pa. 17110
717-238-9423

FARM EQUIPMENT

NEW EQUIPMENT
WHITE -
2-55 Tractor
2-110 Tractor w/Cab
2-155 Tractor w/Cab
508 5-Bot. SAR Plow
588 5-Bot. SAR Plow

378 Rear Mtd. 4-Row Vibra Tine Cultivator...$1750

NEW IDEA-
213 Spreader w/Single Beater
244 Spreader
245 Spreader
325 Cornpicker
406 Rake
279 Cutditioner

GEHL-
3510 Skid Loader
FB99 Blower
BU 960 Forage Box

USED EQUIPMENT
Oliver 252 Disk, 11'6" Reconditioned
JD Semi Mtd. Hyd. Reset 5-Bot. 16" Plow
NI 214 Spreader, 3 Beater

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

DEUTZ
THE ALTERNATIVE TRACTOR

Disappointed with returns on time and money spent on finding a practical alternative fuel?

TRY THE ALTERNATIVE TRACTOR

Yes, the unmatched fuel economy of the Deutz Air Diesel engine truly makes Duetz the alternative tractor.

ASK FOR A DEMONSTRATION - Measure actual fuel usage on your farm. That will tell you more about Deutz fuel economy than all those official test reports.

PLUS - EconoCool thermostatic cooling system (standard on all new DX tractors with cab) uses an additional 6-8% less fuel than standard Deutz tractors.

PLUS - Deutz 4-wheel drive delivers up to 40% fuel savings over 2-wheel drive in comparable field work.

PLUS - Stauffers expert service by factory trained mechanics and fast parts service makes Deutz an even better investment.

Call Harold Stauffer for Deutz tractors in 9 sizes; 45, 52, 61, 68, 84, 110, 125, 135 and 145 hp.

Special Settlement Allowance for July
13.9% D.C.C. Interest Rate
Rebates Ranging From $2000 to $6000.00

FROM OUR PARTS DEPARTMENT

★ Metric nuts, bolts, hardware and tools. We carry a good stock.

OIL PRICES

5 gal. Drydene HDX (CC) Oil..... $24.69
5 gal. Drydene XHD (CD) Oil..... $25.19
5 gal. Drydene U.T.F. Hyd./Tran. Fluid..... $25.19

Stauffer Diesel Inc.
PHONE 717-354-4181 NEW HOLLAND, PA 17557

OUR DUTCH AUCTION IS BACK!

Prices reduced on all items daily (except Sunday) until sold

Umberger's Of Fontana
RD4, Lebanon, PA (Fontana)
Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4 00
717-867-5161 or 717-867-2613

NEW EQUIPMENT

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 7/19
7" x 41 Ft. Westfield PTO Auger on Transport	$1495.00	$ 2.00	$1493.00
8" x 51 Ft Westfield PTO Auger on Transport	$1995.00	$ 3.00	$1992.00
Model 243 - 250 bu New Idea Spreader w/Graetz web	$4995 00	$ 7.00	$4988.00
17'8" Bush Hog folding Transport disc 24" x ¼ blades	$10,700 00	$13.00	$10,687.00
11 ft - 11 tooth 3 pt 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$2222.00
SSP7-7 tooth Glenco Soil Saver	$5650 00	$ 8.00	$5642.00
1520 Hesston 2000 Gal. Liquid Manure Spreader w/brakes, demo	$9750 00	$13.00	$9737.00
STC - 16 Folding Wing 16 ft Transport Brillion Field Harrow	$2595 00	$ 3.00	$2592.00
Gehl 1000 Forage Harvester w/electric controls w/TR3038 2 row Narrow corn head	$12,995.00	$17.00	$12,978.00
Wic 7 HP Gas Straw Chopper	$1375.00	$ 2.00	$1373.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100 00	$ 9.00	$7091.00
New Idea 402 5 bar rake w/rubber flex teeth and caster wheel	$2150 00	$ 3.00	$2147.00
SL3510 Gehl Skid Steer Loader 24 HP Gas, Water cooled, 54" Manure Fork, w/54" Material Bucket	$12,250 00	$16.00	$12,234.00
SL4600 Gehl Skid Steer Loader 44 HP Diesel, Water cooled, w/60" manure fork, w/60" material bucket	$16,675 00	$22.00	$16,653.00
80" 6 ft 7" Pull Tye Drill w/acre meter, double disc openers, demonstrator	$7100 00	$ 5.00	$7090.00
10 ft Pull Brillion Seeder w/acre meter & transport	$3195 00	$ 5.00	$3190.00

USED EQUIPMENT

9 ft. Brillion Pulvimulcher	$ 425 00	$ 1.00	$424.00
10 ft. Power Harrow Roteria 3 pt	$1995 00	$ 3.00	$1992.00
10 ft 0 10 tooth IH chisel plow w/twisted shovels Hicleaner	$2150 00	$ 3.00	$2147.00
John Deere 13 single disc Grain drill on rubber	$ 750 00	$ 1.00	$749.00
10 ft 10 tooth 3 bar Bush Hog Chisel Plow w/guage wheel	$1595 00	$ 2.00	$1593.00
2 row narrow pull New Idea Picker w/Picker w/12 roll husking bed	$4900 00	$ 6.00	$4894.00
2 row wide pull IH Picker 2PR	$1990 00	$ 5.00	$1985.00
6' x 16' 2 beater Dion Unloading Wagon on NI Gear	$2690 00	$ 3.00	$2657.00
6' x 16' 3 beater John Deere Unloading Wagon w/roof on JD gear	$2995 00	$ 4.00	$2991.00
729A Uni Sheller	$3750 00	$ 5.00	$3745.00
729 Uni Sheller	$1950 00	$ 3.00	$1947.00
600 Gehl Harvester w/2 row head new knives and shear box	$1950 00	$ 3.00	$1947.00
IH 56 Blower	$1195 00	$ 3.00	$1192.00
IH 650 Harvester w/2 row head and pickup	$1995 00	$ 5.00	$1990.00
IH 350 Harvester w/1 row head and pickup	$ 950 00	$ 2.00	$948.00
Cobey Manure Spreader 130 bu 2 beater	$1175 00	$ 3.00	$766.00
New Idea 213 217 Manure Spreader 176 bu. single beater (Tag No 1200)	$ 995 00	$ 2.00	$ 721.00
New Idea 214 217 Manure Spreader (Tag No 1173)	$1895 00	$ 4.00	$1347.00

FARM EQUIPMENT

72 JD 4020 side console, wide front, 2700 hours, 814-793-4293

case

Hesston PT 10 Haybine, Real Good

New 3 pt. 12' Lever Harrow $800

JD #16 crop chopper, good shape

NH 1469 SP Haybine

1740 Case Skid Loader, good cond.

310 Bobcat Skid Loader, good cond.

New NH TR85 Combine, 13' head, fully equipped.
Cash Price $57,000 or waiver of finance available.

Plus
Used Haybines, Manure Spreaders, and other good used equipment available

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

JOHN DEERE

NEW EQUIPMENT

JD 850 Tractor
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT

AC C & WC Tractors
Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
JD 494A Planter
IHC 350 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
JD 95 combine w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 combine w/platform
Plus other new and used equipment

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

Grain & Milling equipment; oat crimper, platform scale, molasses blender, hammermill; 60 hp motor and step-starter; Richardson net bagging scale; very reas priced. Call 703-937-5656.

Portable orchard sprinklers, 16'. 717-742-3739.

3 pt. 801 hitch for JD. 3 pt. hitch for WD AC. One pt. hitch for Cub Farmall. NH 68 baler $300. Harold L. Sample, Rt. 1, New Providence, PA 17560. 717-786-3087.

For Sale - Case 310 diesel crawler loader, very good cond.; 710 NI unicombine, very good con. $2,900; IH 225 hay swather, very good cond. 304-263-9801.

Wanted to buy - 3 pt. hitch for 730 diesel, 814-793-4293

FARM EQUIPMENT

For Sale - 1933 Farmall F-12 tractor. On steel wheels in back, rubber wheels on front, also with cultivator in running condition, $850. Call or write Gifford Osman, RD 3 Box 164B, Sunbury, PA 17801 717-286-5022.

Tractors For Sale - JD 4020, 4320, 4430, IH 1466 & 1086. 717-547-2387.

NH 850 round baler, good condition. Phone 301-582-1927.

JD 3020 power shift, IH 656 hydro; Case 1030CK; Case 870 power shift; Priced to sell. Phone 301-582-1927.

Datsun 5000 lb. pneumatic forklift, $3500.
DENNIS M. MILLER EQUIPMENT
Rt. 22 Grantville, PA
717-838-1888 anytime
717-469-0937 daily

FARM EQUIPMENT

For Sale - AC 5040 diesel tractor, like new, 140 hrs., wide front end, block heater, oversized tires. 717-786-4763 Lanc. Co.

Deluxe hay hauling rig: Intern'l S/A tractor with 238 Detroit engine, 10 spd., sleeper cab; 40' trailer esp. designed to hold hay, complete with tarps, chains, etc.; everything in top condition; very reas. priced; with this rig an individual could have an independent good-paying small business. Call 703-937-5656

MF 410 diesel, hydro, 13' quick-tach, pickup reel, air, 23.1-26 eighty ply tires, exc. Monmouth Co. 609-259-7492.

NH 352 grinder mixer; 40' Zimmerman elevator, 45' Cardinal auger PTO driven, 12' Pittsburg harrow. 717-966-2491.

FARM EQUIPMENT

Cat D-4 w/hyd. blade $3900, 7' Woods rotor motor, 3 point hitch $425. 301-838-6196.

Wanted - 2 18.4x34 rear tractor tires in good condition. 6 ply or 8 ply. 717-667-2783.

Wanted - Turntable for Forks front end loader. 717-548-2030.

.1 - Pull type IH #80 combine 7' cut. $1200. Northumberland Co. 717-275-3309.

IH 966 hydro, cab, M&W turbo, one owner tractor, will sell or trade for 4010 or 3020 JD tractor. 814-766-2733.

35 KW Kohler gasoline powered generator 201-463-0570.

JD 55 roundback combine, 13' hume reel, $1500 or best offer. 215-348-5514.

FARM EQUIPMENT

3 pt IH 100 balanced mower, $695; MF 20 tractor, new paint, $1295. 717-354-0266.

D8006 Duetz, NH skid loader, 4R 5400 White corn planter, NH manure spreader, Onan electric generator, NI cut conditioner. 301-489-4041.

For Sale
Wisconsin Engine Parts
Cranks, heads, blocks, all reconditioned
T.J. Wheary & Sons
Lancaster, Pa
717-687-0102

IH 856 diesel tractor, wf, 3 pt., exc condition. 301-829-0271

JD 4020 diesel, wf, dual hyd., diff lock, good rubber, $7800 717-597-7476.

JD 90 skid steer loader, like new, must sell 717-436-2235.

IH 303 combine cab, 2 row corn head, 12' platform $1,600. 215-838-7271

For Sale - IHC 45 baler $125. JD #5 mower $126. AC-CA parts. Leb Co. 717-865-6860

FARM EQUIPMENT

JD 3010 gas tractor, NFE, JD 45 squareback combine, 2 heads, 12' grain, 2 row corn, IH 3-14" mounted plow. 215-257-4697

Red River Special, treshing machine 28", Frick threshing machine 20", and IH grain binder 4' cut. 717-524-0486

JD 3020 diesel tractor, side console, wf, good condition, $5850. 301-829-0271.

JD model 24-T baler with kicker, like new; #717 New Holland chopper, silver studded parade saddle with bridle. Phone 609-267-6949

For Sale -53A NH bale thrower, PTO drive, complete, $400. 717-687-0102

JD 3020 diesel, wf, very good condition, $6500 717-597-7476.

203 Int. Combine $3000
Good Ford 900 $1600
NH 325 Skid Loader w/Wisc. Motor $6000
JD 30 Bale Thrower, like new
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

STRALEY FARM SUPPLY
1760 E. Canal Road
Dover, Pa. 17315
Farm - Industrial Equipment
717-292-2631 717-292-4443
Ford Tractors Equipment

* Available On Ford tractor, from 12 to 350 HP, low interest rate of 9¾ percent. *

1200, 1500 4WD, 1700, 1900 4WD w/rebate on price.

TRACTORS
New Ford 1200, 4 wh. dr., diesel, ag tires $5,900
New Ford 1500, 4 wh. dr., diesel, plus rebate $7,137
New Ford 1900, 4 wh. dr., diesel, plus rebate $9,332
2600 Ford, cab, front broom $12,995
5600 Ford, 4 wh. dr., Blue Power Special $21,000
JD Model 60, good shape $1,995
JD A w/2 row picker $1,500
5600 Ford w/canopy, 150 hrs. $12,995
3000 Ford, new paint $4,400
IHC Farmall C new paint $1,395
IHC Farmall Cub w/hyd. $1,795
2000 Ford, PS, nice, 1228 hrs. $5,900
5000 Ford diesel, new tires, new paint $5,900
Ford 9N gas, new paint, front bumper $1,695
David Brown 4600 select-o-matic diesel $1,995
IH Cub Lowboy model 154 w/model 3160 mower, undermount $3,900
AC D10 w/loader $3,995
4000 Ford SU w/loader $9,500

TRACTORS & LOADERS
9N Ford over/under trans. $2,395
4000 SU Ford

TRACTORS, LOADERS, BACKHOE
555 Ford, demo, new backhoe $28,000
4500 Ford, diesel, good shape
JD TLB Serial # 3026-1-T-60, model 93 backhoe $5,900

EQUIPMENT
Owatonna Swather model 260, cab & air self-propelled, used 2 seasons $6,500
New Ford conditioner, model 538, 9' made by IHC $6,900
New Ford haybine model 537 $4,950
New Brady spreader model 141, 150 bu., special $2,495
NH model 975, self-propelled combine, 13' grain head $2,995
New Ford corn planter, 6 row, no-till, tires, fert. attach. & seed control
AC haybine Model 829 $795
New Lely tedder & rake $1,000

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S.G. LEWIS AND SON, INC.
RD #2, Box 66, West Grove, Pa.
215-869-2214

All Hay and Forage Equipment are Free Finance until 1/1/83 or 5% Bonus for Cash Paid.

FORAGE

SNH #892 Forage Harvester w/#822 corn head and 880W windrow pickup.. $11,200
SNH #8 Crop Carriers w/#238 wagons, long adj. tongue, and flotation tires. Cross conveyor extension $5,300
SNH #25 Blower..... $1,600
SNH #30 Blower..... $2,800

HAY

SNH #462 Disc Mower..... $3,500
SNH #451 Mower w/7' Cutter Bar..... $1,760
SNH #472 Haybine..... $5,875
MF #124 Baler..... $5,000
SNH #258 Hydraulic Drive Rake..... $2,500
SNH #80 Bale Handler..... $375
SNH #90 Bale Handler..... $1,500

SPREADERS

SNH 519 Spreader w/splash guard and hyd. end gate $3,300
SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate $4,700
SNH 791 Spreader w/splash guard, hyd. end gate and fine manure pan $7,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

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- **Van Dale Products**
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Lancaster Stave Silos - Stave or Metal Chutes**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund-Vaughan Chopper Pumps**
- **Leasing Available**

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RD 1 Quarryville, PA 17566
PH: 717-284-3111

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2940
4440 SGQR
2700 4 BTM Plow (Reg. $9070.00, Special ~~$7470.00~~ $6700.00)
215 12'10" Cushion Gang (Reg. $7563, Special $5500)
315 12'2" Disk
950 12' Roller Harrow (Reg. $5730.00, Special ~~$4430.00~~, $4000.00)
12' Lever Harrow (Reg. 1302.00 Special 1000.00)
RM4 Cultivators (Reg. 2966.00 Special 2100.00)
215 Grain Platform
1209 Windrower
660 Rake
350 7' 3 Pt. Mowers
3960 Harvester w/Any Heads
5720 Harvester w/Any Heads
27 Flail Shredder
7000 Conservation Planters 4R & 6R Dry or Liquid

USED MACHINERY

JD 2240 w/146 Loader (1200 hrs.)	$12000.00
JD 170 Skid Loader	$4500.00
3 - 1440 Planters No-Till From	$3200.00-$4000.00
3800 Harvester w/2 R head & pickup	$4000.00
800 Windrower	$3500.00
16A Flail Chopper	$1600.00
694A Plate Planter	$750.00
JD Quick Tach 15' Grain Head	$3000.00

SMITH'S IMPLEMENTS, INC.
12258 BUCHANAN TRAIL WEST
MERCERSBURG, PA. 17236
717-328-2244 or 328-2226

FARM EQUIPMENT

1976 JD 4400 diesel combine 13' grain head, brand new 444 4 row corn head, 1212 hrs., extra sharp, ready to go, $24,900.

Gil Taylor
Long Valley, NJ
201-879-6678

TRACTORS

- Case VAC
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w Loader
- David Brown 1410
- Oliver 500
- Oliver 880
- Oliver 1750
- White 2-105 Tractor
- Int 656 Tractor

LOADERS

- Case 1830 Skid Loader
- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr Loader

TILLAGE

- Case 6 Bot Plow, 20
- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- Oliver 4 Bot Mtd Plow
- MF 720 2' Offset Disk
- Used Cultipacker

HARVESTING EQUIPMENT

- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1 Row Corn picker
- NI 2 Row Cornpicker
- Int Mtd Picker 2 Row
- IH 550 Harvester w/Pickup
- JD No 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT

- NH 469 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- JD 14T Baler w/thrower

MISCELLANEOUS

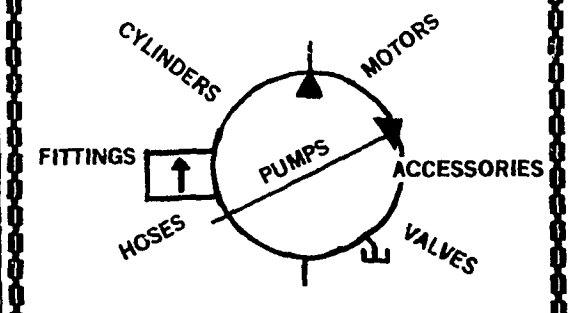
- Ford 4 Row Corn Planter
- JD 2 Row Planter, Pull Type
- IH 400 Corn Planter 8 Row
- 10 Used Spreaders
- NI 224 10 ton Spreader
- Potato Grader

AVCO NEW IDEA

SPECIAL
- 11Lx15 Tires, 8 Ply Firestone $49.50
- NI 456 Round Baler $8,500

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

HYDRAULICS



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Let us do your trouble shooting and system designing

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Beiler Hydra-Matics
Hydraulic & Air Supplies
Box 587 RD #3 New Holland, Pa.
UPS Service (717-656-2846)

FOR SALE

USED TRACTORS

AC 7000 w/cab 300 hours, (2) 200's w/cabs, 190XT Series III, 185 w/cab, 185 Diesel, 175 diesel, 170 gas, D17 Series IV gas & Diesel 3 pt., D17's, D15, 5050, 5040
FORD 7000, 5000 Row Crop Dual Power, 3000 w/loader, 850, 641, 8N
CASE 430, 200
MF 30 gas & diesel, 135 gas & diesel
KUBOTA 6100 4wd, 245 4wd
JD 4020 diesel, 3020's diesel, 1 w/cab, 2640 w/loader, 40 High Clearance w/cultivator, 60
IHC 100 Hydro w/cab, 826 diesel, 464 diesel, 364 diesel, Super M, M, H, Super C, 230 Super A, 140 w/equipment, Cub (late model), Cub low boy w/rotary mower.
Large Selectin Mowers, 3 pt. Fast Hitch, semi-mount, mounted for many tractors. Call for your needs

MOWER CONDITIONERS

NH 477, 479, 489
Hesston PT 7, 10
New Idea 270, 272 7' & 9' Cutditioners

SIDE RAKES

NH 256, 56, 55, New Idea Used Bale Elevators & Mow Conveyors

FORK LIFTS

AC D15, I60 - 21' lift

USED BALERS

Round Hesston 5400 & 5800, NH 850
Square w/throwers
NH 315, 276, 275
JD 336
Hesston 4500
IHC 430 no thrower, like new

GRINDER MIXERS

Gehl 95, 100, NH 353, IHC 1150

SHORT HOPPER BLOWERS

AC, IHC, Kools, JD, NH

TEDDERS

Grimm PTO, Kuhn 4 Star, New Grimm & Fahr in stock
2 used Grimm tedders, 1 ground drive 1 PTO

USED GRAIN DRILLS

IHC 510 like new, Ontario, JD, Used 8' Brillion cultipacker seeder

USED CULTIVATORS

1, 2, 4 & 6 row 3 pt., New AC 4 & 6 row rolling cultivators at old cost price

NEW & USED BALE RACKS

New McConnell side dump forage box at 1981 cost

USED INDUSTRIAL

AC 715 Tractor Loader Backhoe
AC 655 Crawler Loader
AC H3 crawler Loader
AC 653, 652, H3 dozer angle blade
IHC 500 C Crawler loader 4 & 1 bucket $4500.00
IHC 500 dozer 6 way blade Mechanic's Special $2995.00
MF 30D Tractor loader 3 pt. & PTO

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Open 6 Days A Week 8-5
Sales & Service AC, NI, Hesston, Kubota

FARM EQUIPMENT

GOOD USED EQUIPMENT

61 IH forage box
1 Farmall M
Farmall 706 diesel
Farmall 504 tricycle front end, gas engine, equipped w/loader
Used IH cub cadets
5 S #550 plow
3 F Oliver rollover plow
Farmall Super SOLD

COMBINES

IH 1440 axial flow combine w/1150 hours, excellent condition. - RENTED
715 w/13' grain head.
Model 203 w/grain head and 2 row corn head

AVCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
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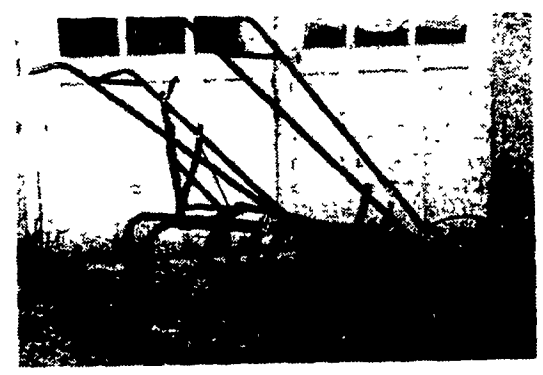


1 - Horse cultivator with small single tree
$90.00

Push type cultivator adjustable with changeable shovels
$45.00

Belts, Nuts & Washers
Special now thru Aug. 7
89¢ lb.

GIDEON KING
#1 Gap, Pa. 17527
1 mile Northwest of White Horse

JOHN DEERE

TRACTOR SALE

JOHN DEERE

New Special JD 3960 Harvester	Buy a new John Deere 6620 Side Hill Combine at 1981 Prices

TRACTORS

IH 1086 w/cab
JD 4240 w/148 Loader, 400 hrs.
White 2-85 w/cab
IH 400 D
JD 2940 (290 hrs.)
JD MT

PLANTERS

JD 7000 6R
White 5400 4R
IH 400 6R
IH 400 4R

COMBINES

JD 45 w/2 heads
(3) JD 444 Corn Heads
1980 MF 760, 338 Hrs.

HARVESTERS

NH 717 Harvester
Hesston 720 w/heads

HAY TOOLS

JD 24T Baler
NH 269 Baler

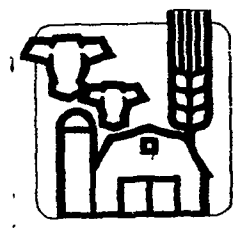
TILLAGE

JD 345 5 Btm. Plow
JD 950 12' Roller Harrow
Brillion 12' Roller Harrow
Ford 10' Disc
JD 1600 10' Chisel Plow
IH 510 Drill

JD 4230 Tractor w/ cab
JD 1450 5x16 Plow
JD 1460 6R Corn Planter

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

FARM EQUIPMENT



FARM EQUIPMENT

JOHN DEERE

USED COMBINE

N.H. TR70, Cab & Air, Hydrostatic with Model 962, 13 ft. Flex Platform and Model 962 N-6 Six Row 30" Corn head, Used Two Seasons. Good Condition
$39,500.00

Finch Services - Hanover, Inc.
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Ph. 1-717-632-2345

Year-End Clearance Sale!

Prices Shown CASH ONLY...
Call For Details

New AC 6080 Tractor — $17,900

USED EQUIPMENT

AC 185 Diesel Tractor $9,000	AC 7000 with Cab & Air $15,900
AC 5050 w/220 Hours $8,900	AC D-15 $2,400
AC KKS Gleaner 10' Header & 2 Row CH $19,900	AC FKS-2 Gleaner Hyd. Drive, 13' Header $29,900
AC C Gleaner w/440 Cornhead $5,900	IH 315 Combine 13' Header & 2 Row CH $4,900
NI 702 w/717 Combine & 723 Grainhead $15,900	NI 702 w/723 CH &727 Husking Bed $6,900
NI 702 D Tractor with weights $7,500	NI 710 Combine w/711 Grainhead $3,900

NEW EQUIPMENT SPECIALS

N-5 Rotary Combine with 15' Floating Header and N630 Cornhead
AC 2000 5-16 Moldboard Plow with Concave Coulters
AC A430 Cornhead, FE Combine

USED COMBINES & CORNHEADS

MH 82 SP Combine 13 Header
(2) MF QT24 2 Row Header

USED TRACTORS

AC 7020 PS Tractor, Cab & Air
AC 185 Tractor, Diesel

USED MISC. EQUIPMENT

PT10 Hesston Haybine
NI 279 Cut/ditioner
NH 268 Baler w/Thrower
NH 469 Haybine
JD 10' KBA Disc Harrow
Ford 10' Disc Harrow
IH Mounted Field Cultivator
IH 710 5-Bot. 18" Auto Reset Plow
JD 38 Forage Harvester w/Pickup & 2-Row Head
NH Super 717 w/2 Row Head
JD FB77 Grain Drill
NI 324 & 327 (2 Row Pull Picker)
7 Tooth Soil Saver w/Coil Tines
Vicon Wheel Rake (5 wheels)
14' Brillion Transport Harrow
(2) Int. 990 Haybines, 9 ft. cut.
JD 1209 9 ft. Haybine
NH #56 Hay Rake
New Idea Wheel Rake

ITCO
Dealer for ITCO Corp.
- Over 9,000 items At Discount Prices

AVCO NEW IDEA

ALLIS-CHALMERS
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SHARTLESVILLE FARM SERVICE
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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

TRIPLE H EQUIPMENT

VERMEER — Vicon

Peach Bottom, Pa.
717-548-2640 or 717-548-2094

NEW VERMEER SUPER SERIES BALERS
Call For Spring Terms
1-504F Baler
2-F100 bale feeders, $2495
1-504G baler
2-SR 1200 Irrigation Travelers $19,000 ea.

NEW VICON EQUIPMENT
Spreaders from 400 to 2400 lbs. in stock
Cash Discount on '81 Prices
2-PTO tedder - rake
1-5 wheel 3 pt. hitch rake
2-8 wheel -V-rakes
1-6 Wheel Rake
1-8' 3 pt. hitch disc mower (Demo)
1-RP 1200 Round Baler (Demo)
1-8' Mower Conditioner (Demo)

NEW HAYBUSTER EQUIP.
1-Bale Buster for mulching lg. round bales
1-1068 Drill

MISC. NEW EQUIP.
2-Kelly log splitters engine drive

LAHMAN SKID STEER LOADERS
1-23 hp, 2 buckets, $6200

USED & DEMO EQUIP.
1-Vicon 15' power harrow, demo - $6000
1-Vicon 8' mower conditioner, used - $7200
1-Oliver 7B Plow - $800
1-NI 5 Wheel Rake

SPECIAL OF THE WEEK

DEMONSTRATOR
3000 GAL. BADGER LIQUID MANURE TANK
List $10,018 SALE $6,500

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

FOR SALE

8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
215-286-9510

TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
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WALT STIVELY, JR.
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Quarryville, RD3
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LOOK AT OUR GOOD SELECTION OF TRADE-IN USED TRACTORS

Interest Free Financing Till Oct. 1, 1982
First Monthly Payment Due Nov. 1, 1982
or
Quarterly, Semi-Annual, Annual Repayment Plans available

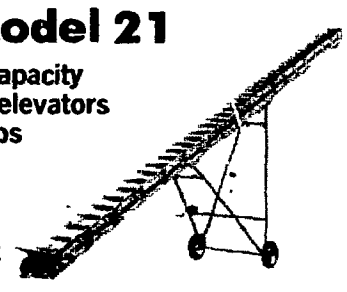
- 1980 Model IH 1086, CAH, 20.8x38, 900 Hrs., loaded, like new
- John Deere 5020 Diesel, rebuilt engine with duals
- 1980 Deutz Model 4506 Diesel, approx. 650 Hrs., like new
- 1970 Ford 4000 Diesel, 38" rubber
- Case 2290, canopy, standard shift, like new
- Case 4 wheel drive 4490, CAH, P shift, crab steering, loaded
- Case 2090, CAH, P. shift, approx 1200 hrs
- 1974 Model Case 990 Diesel, approx 53 HP
- David Brown 1200 Diesel, approx 65 HP new paint
- Case David Brown 995 Diesel, 58 HP Rating
- IH 806 Diesel Tractor, 540-1000 PTO, 18.4x38 rear tires worn, 11Lx15 front worn, Dual remotes, new Clutch Feb 1981, but needs TA Rebuilt, 2 Post Canopy, Block heater, Square Fenders, ave. cond.
- Case David Brown 1410 Diesel, standard shift, 80 HP
- M.F Model 275 Diesel with 15.5x38 rear tires, approx. 1300 hrs., excellent
- Case 830 Case-O-Matic, wide front, gas, Eagle hitch
- IH 1466, CAH, 60% rubber
- 1978 IH 1086 Canopy tractor, needs TA, approx. 1300 hrs.
- Case 2470 4 wheel drive, 23.1x30 tires, 3 pt hitch w/quick coupler, PTO, dual remotes.
- Case 4 Wheel Drive 2870, 300 HP, CAH, crab steering
- Case 530 Diesel Tractor, as is $2,950
- Used Case 970 Diesel cab, air, heater, black knight demo
- Case 1070 Power Shift cab

NEW & USED EQUIPMENT SPECIALS

- Ford 4 bottom semi mount, 16" plow, reset, Make Offer
- Used 1970 GMC tandem axle dump truck, 15½' dump bed, Make Offer
- New round bale feeders, in stock at only $130.00
- New large dump cart for your garden tractor, $179.00
- Sears 1 yr. old, like new, riding mower, 36" cut, 10 h.p. $695.00
- Used 9 ft. wide front dozer blade w/hydraulics to mount on 4 wheel drive tractors $1480
- Used Grain 6"x53' long PTO Drive transport grain auger $985.00
- Used Neco transport, 6"x52' long grain auger $825.00
- Good used Gehl model 250 manure spreader
- Case 3 pt. hitch, 5 shank chisel plow, used approx. 30 acres, 32" hi-clearance, serial #1652844 $849.00
- Quincy 3 hp air compressor, Make Offer
- Used NH 357 Grinder Mixer w/21" mill with unloading auger extension
- Used John Deere #54 PTO Manure Spreader

Little Giant Model 21

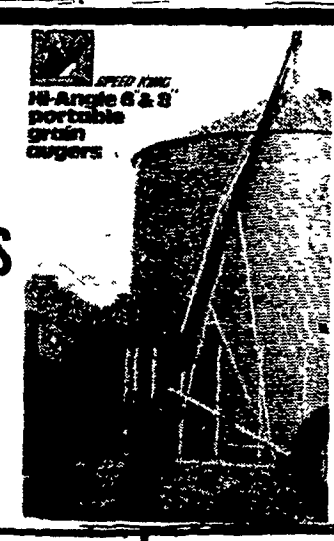
High Capacity portable elevators for all crops 34 ft. With loading hopper at bottom.



SPECIAL 10% OFF

Set up- You Tow-Away And Deduct 10% OFF This Price $1,855.00

SPEED KING AUGER TRANSPORTS WITH FLEXI-BOOT HOPPER



JUST RECEIVED NEW SHIPMENT
Some Slightly Weathered

Call For The Best Deal Ever!

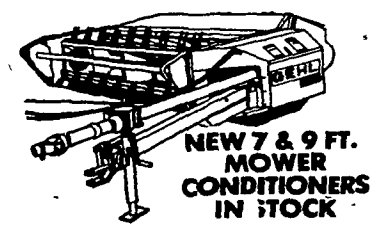
All these sizes in stock:

6x27	8x41	10x41
6x34	8x46	10x51
6x41	8x53	10x61
6x46	8x60	10x71
6x53		
6x60		

NOTICE Special Special Offer

Must Sell - No Reasonable Offer Refused

GEHL®

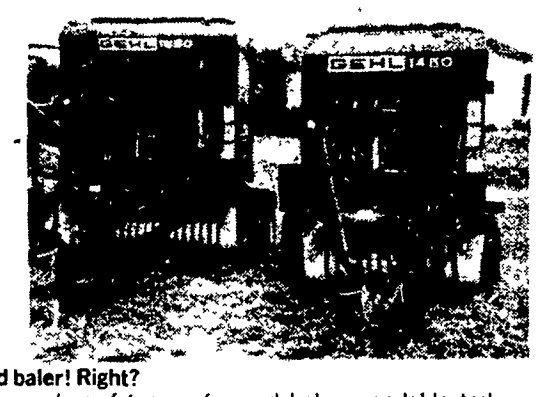


NEW 7 & 9 FT. MOWER CONDITIONERS IN STOCK

MODEL 1070, 7 Ft.
With Heavy Duty Knife Guards. Full float machine with inexpensive knife guards. You'll like it.
(1) 7 Ft. Serial #4290
(1) 9 Ft. Serial #9254
Special Cash Sale Discount

ROLL BALER SPECIALS AT OLD PRICES

NEW GEHL BALERS
1450 to 1850
with T.D.C. - The Simple System



A round baler is a round baler! Right?

Wrong! There are a number of types of round balers available today. Some balers form soft center bales by simply packing and packing the crop 'till the bale rolls up Some are belt balers that make very dense bales with tight core and wrap. And there are balers that use spikes and chains to form round bales Only Gehl balers, with T D.C give total Total Density Control, total operator control over the type of bale he makes - small core, less dense, more dense, or anywhere in between

Hydraulic twine wrapping mechanism, bale counter, make the size bale you can handle.

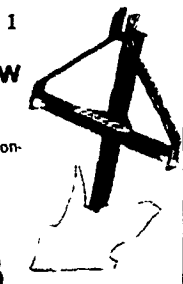
In Stock -
(1) Model 1450 Serial # 11897
(1) Model 1850 Serial # 10640

McCURDY SHORT TURN RADIUS WAGONS
In Stock with adjustable quick hitch. Your choice of wheel width 6", 8", 10"

8 Ton, 10 Ton, 10 Ton Tandem

DIG YOUR POTATOES THE EASY WAY!

They Do Work!
The 3 PT. HITCH, 1 ROW
POTATO PLOW
HEAVY ANGLE TOW BAR
Features:
- FRAME-Welded Construction
- SHANK-1"x4"
- HITCH Standard Category 1
- BUSHER SHAPE



$97.85 COMPLETE
IN STOCK

Looking For A Good, Clean, Used, Self-Propelled Forage Harvester? We Have It!

Field Queen Forage Harvester 3160 V8, Cat. Diesel, Hydrostatic Drive, 7 ft. Hay Head & Corn Head. Ready For Your Field.
$16,950
Excellent Financing Terms

NOTICE: NEW TIRES IN STOCK CALL BINKLEY & HURST

When in need of Rear Tractor Tires

20.8x38	8 ply	$585
18.4x38	8 ply	$405
18.4x38	6 ply	$325
16.9x38	6 ply	$300
16.9x38	8 Radial	$405
15.5x38	8 ply	$330
13.6x38	8 ply	$225
18.4x34	8 Radial	$395
(1) 18.4x34	6 ply	$285
16.9x34	6 ply	$235
16.9x30	6 ply	$305
12.4x28	6 ply	$159
11.2x28	4 ply	$149
(1) 18.4x26	6 ply	$298

SEARS RIDING MOWER

36" cut, 10 H.P., app. 1 yr. old, like new
$695.00
or best offer

ATTENTION TOY COLLECTORS!

We Have In Stock 1/32 Scale Collector Series CASE FARM TRACTORS
- 1690 Roll Guard
- 1690 CAB
- 2290 CAB

at $15.70 each
or
a set of 3 for $41.95
Any model 1/32 scale collector series can be mixed

BUY A NEW CASE IMPLEMENT NOW!

- Front end loader for your tractor
- Soil controller
- Disk
- Chisel Plow

No Interest Charges till March 1, 1983

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705
Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

FORRESTER FARMS

1337 Lincoln Highway East
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Phone: 717-263-0705
Sales - Parts - Service
¼ Mile East of Exit 6 I-81

LONG

New Long traveling irrigation unit 1553
New 610 DT $11 164
New Long 510 $7 465
New Long 460 $7,018
New Long 310 $5 787
2 Long 560
IH 1066 w/cab
IH 656 Hydro
Farmall M w/PS $1,400
JD 4230 w/cab
2 JD 4020 one w/cab
1 JD 3130
2 JD 3120 one w/cab
JD 3020
2 JD 2130 1 w/cab
1 JD 2120
JD 2030 w/cab
MF 175
Ford TW 10 w/canopy
Ford 8600 w/dual power
Ford 7000 w/dual power
1 Ford 6600 w/dual power
Ford 6600 demo $14 500
New Ford 6610 $14,900
Ford 5600 w/dual power
3 Ford 5000, one w/dual power
Ford 4500 backhoe
Ford 4000 w/loader
3 Ford 3000
Super Dexta
Ford 860
Ford 841 w/PS
Ford 641 diesel
Ford 772 A loader
Roadless 95 4 wh drive 90 HP
Souders loader

CHECK PRICES ON . LONG SUMMER SHOWDOWN SALE

New Equipment Specials For the Month of July

IH 986 diesel tractor w/factory rebate	$25,300
IH 484	$9,500
IH 4135 skid loader	$7,500
1190 mower conditioner	$5,950
IH 425 baler w/thrower	$5,850
IH 35 rake	$1,840
IH 720 5 furrow 18" plow, automatic reset	$6,220
IH 720 4 furrow 18" plow	$4,920
IH 475 disc harrow 13'	$4,175
IH 5500 chisel plow 7'	$1,300
IH 560 spreader	$3,650
IH 595 spreader	$6,240
IH #20 blade	$350
IH 482 Cub Cadet w/44" mower	$2,180
IH 255 power washer	$510

F.O.B. McAlisterville
No Trades

NEW EQUIPMENT

IH 684
IH 584
IH 484

USED EQUIPMENT

Farmall M $1,500
Case 1070 tr SOLD 8,500
IH 504 tractor $3,650
IH 544 gas hydro, ne SOLD ne $5200
Ferguson tractor, $1700
Farmall 460 gas, $3500
Oliver 1650 tractor $4,800
AC WD $1,000
AC gleaner combine model CII 14' grain & 4 row corn head $7000
(2) IH 205 combine $6500
IH 315 combine $4,700
Oliver combine $700
IH 311 fast hitch plow $350
MF 3 furrow plow $200
Oliver 3 furrow plow $400
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 3 pt. hitch corn planter $500
NH 469 haybine $2300
IH 400 Cyclo planter, 4 row, no-till $4200
IH 234 corn picker $2200
IH 2 MH corn picker $500
2- IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
2 IH 550 forage harvester hay & corn head $1500
NH 3 pt. hitch mower $800
Brillion 9' cultipacker $275
JD 12A combine $600

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191

MF
SPERRY NEW HOLLAND

USED EQUIPMENT

Tractors

AC WD
MF 255, 200 hrs.
MF 285

Tillage

Case 5B Auto Reset Plow
MF 66 3B Plow
Pittsburgh 8' Disc
3 Section Drag Harrow
16' Drag Harrow

Hay Equipment

JD 480 Mower Cond.
AC 390 Mower Cond.
Hesston PT10 Mower Cond.
MF #12 Baler w/thrower
AC 303 Baler w/thrower
IH #37 Baler w/thrower
MF #3 Baler w/thrower
IHC 47 Baler
IHC Hay Conditioner
NH 404 Hay Conditioner
NI Hay Cond.
AC Forage Harvester
IHC Forage Harvester
(2) NH 717 Harvesters
Papec Forage Blower
MF #35 Rake

Combines

NH TR-70
Cat Hydro w/15' Table and 6RN C.H. (Demo)
(2) MF 300's w/cab, QA, 10' table and 2R C.H.
NH 975 Combine
NH 962 4 RW C.H.

Miscellaneous

Gehl 2600 Skid Loader
NH L35 Skid Loader
MF 160 Spreader
IH 13 Disc Drill
Ontario Disc Drill
6' Pull Type Rotary Cutter
IH 311 Rotary Cutter

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

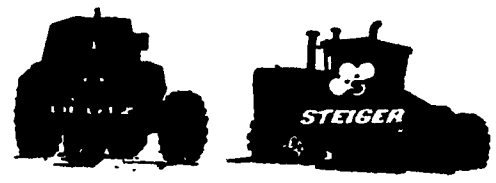
USED TRACTORS

1515 '75 Deutz 4006, 40 hp, 4 WD
992 '71 Deere 4620, cab, air, duals
1616 '76 IH 1066 "Black Stripe"
1608 '74 IH 1566, cab, air, duals
1617 '77 Steiger ST 251 Cougar III
1552 '79 Steiger ST 251 Cougar III

USED EQUIPMENT

1466 AC 2300 18' disc
1550 AC 2300 20' disc hyd. fold
1602 Brillion 23' crowfoot packer, hyd. fold
1566 Brillion FC-01 20' field cult.
1199 Brillion 12' rotary cutter
1576 Case 14' chisel plow, pull type
1119 Chattanooga 32' crowfoot packer
1049 Deere 13' cultimulcher
1364 Deere 1000 25' field cult.
1619 Deere 230 23' disc
1597 Deere 220 20' disc
1220 Deere 230 25' disc
1301 Deere 330 24' disc
1516 IH 470 18' disc
1614 IH 475 20' disc, hyd. fold
1579 IH 490 24' disc
993 IH 510 6-16 plow
1512 Miller 8500 26' disc
1385 Sunflower G-3-20 20' disc, offset
1596 Sunflower G-4-29 29' disc harrow tandem
1243 Rhino R-950 rear blade
1540 Walden dual implement hitch

DEUTZ STEIGER



HOOBER equipment, inc.

RD1, Box 45A, Sudlersville, MD 21668
Located at Jct. 301-300
(301) 758-1212

See Us About IH Purchasing Programs.

Call Us For A Round Baler Demonstration on Your Farm

USED EQUIPMENT:

1086 tractor w/cab & air, 1400 hrs.	$22,500
Farmall M	$1650
Farmall Cub w/cult. plow & blade, 1 pt. hitch, nice	$4175
IH 715 combine	$15,900
IH 710 5x16 plow	$3850
JD 4x16 3 pt. mtd. plow	$625
JD 12' Mtd. Vibra Shank harrow	$1550
IH 45 vibra shank, 26½' hyd.	$3500
Miller disc, 10', as is w/new discs installed	$1995 $4250
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
IH 56 4 row planter	$1750
IH 455 4 row planter	$1450
Fox blower	$750
Pick up head for 720 harvester	$995
Gehl snapper head, used 100-150 acres	$4000
IH 430 baler w/thrower	$2950
NH 67 baler w/thrower with motor	$950
AC 303 baler w/thrower	$1295
IH 863 6x30 corn head	$7350
Int. 227 2R Corn hd.	$750
IH 1190 mower cond., very good cond.	$4200
Hesston PT12 mower-cond.	$1200
Fox 2200 forage harvester w/2 heads	$2800
#10 single disc drill	$2300
IH 1050 grinder-mixer	$1775
3' harrow sections for garden tractors	$35 ea.
IH 350 12' disc	$1100
IH 1650 Cub cadet w/mower	$2695
IH 124 Cub cadet	$1395
IH 102 cadet	$995
44C mower, like new	$355
50A mower, very good	$300

INCH EQUIPMENT CO.

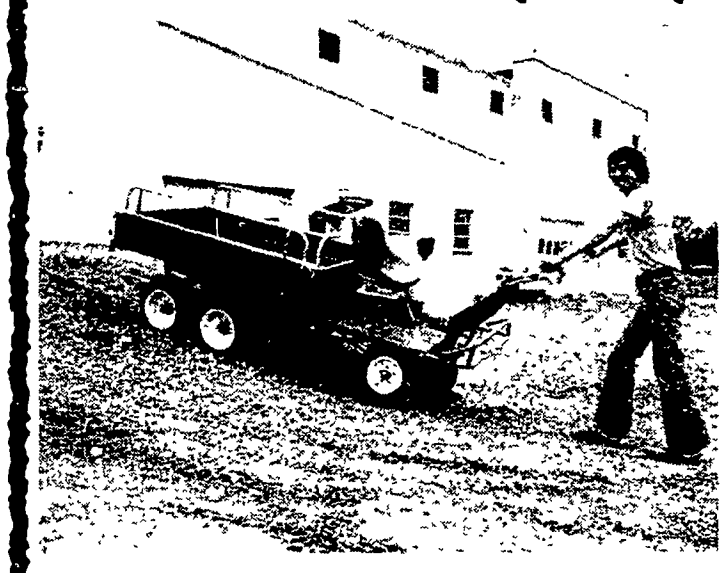
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147

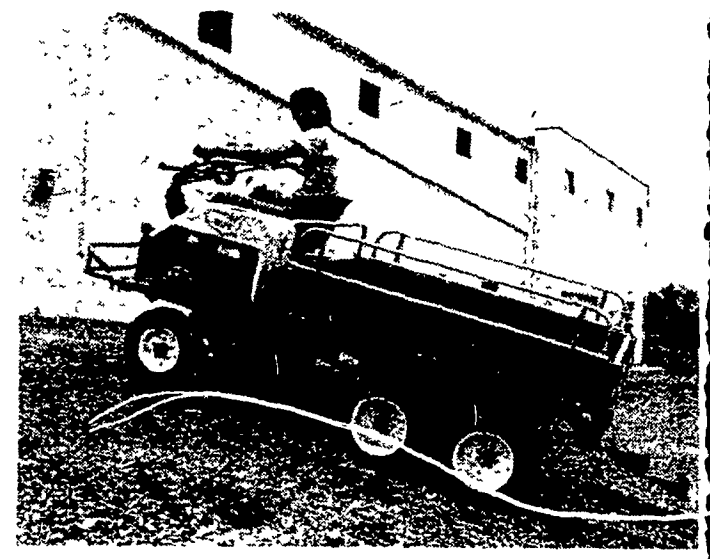
INTERNATIONAL AGRICULTURAL EQUIPMENT

• U.P.S. Service Available

Leading or following . . .

WU puts you out front!





This versatile vehicle can be maneuvered equally well whether sitting down to steer or walking after or before it. Steep grades or hard pulls are handled with ease with the 4 wheel drive. Two gallons of fuel per 8 hour working day will make it one of the most efficient vehicles on your farm. Hydraulic dump bed comes as standard equipment.

For additional information contact

WU Agricultural Power Equip. Inc.

Dept. LF
266 Paletown Road, Quakertown, PA 18951
Phone 215-536-0660

BUSH HOG® SQUEALER

MODEL SQ-60R

Here's real economy in a quality-built

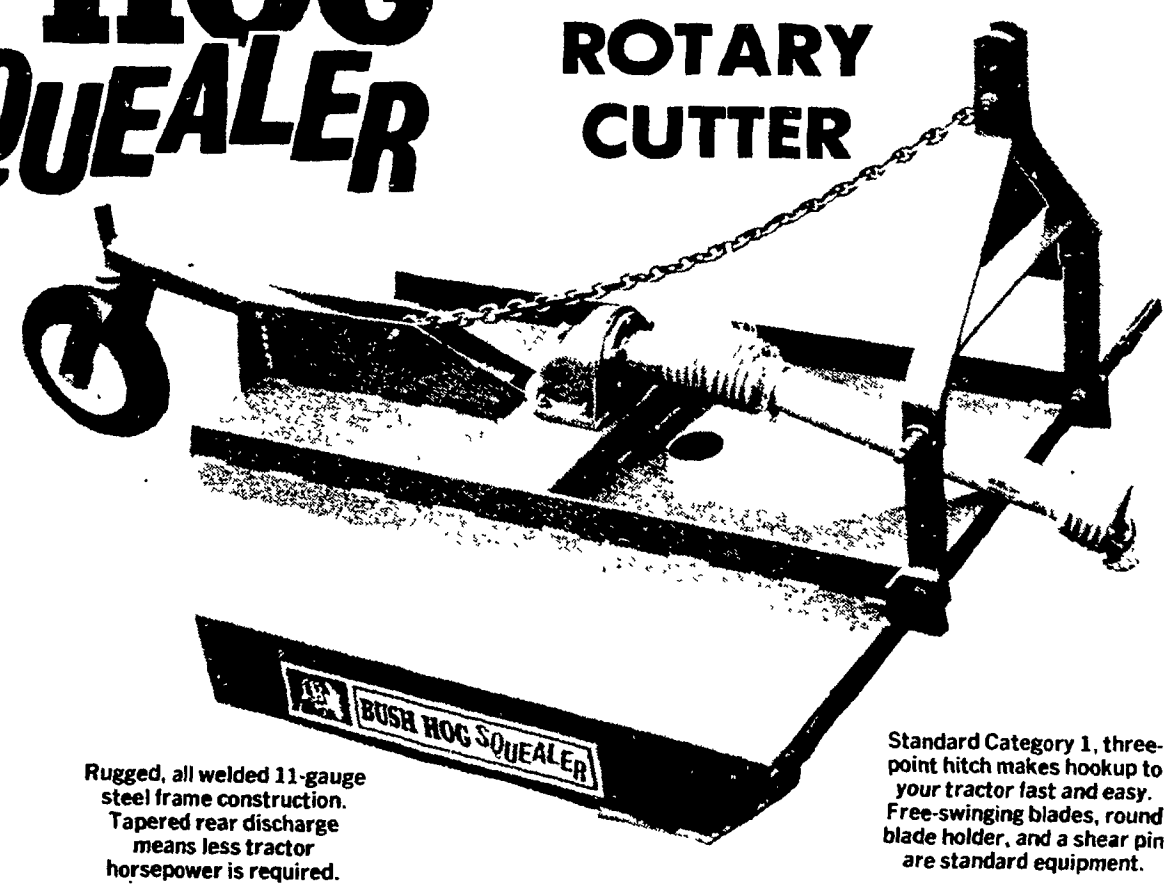
ROTARY CUTTER

SPECIAL PRICES

4 Ft. $475.00
5 Ft. $499.00

NOW THRU JULY 31, 1982

Price After July 31, 1982
4 Ft. $550.00
5 Ft. $575.00



Rugged, all welded 11-gauge steel frame construction. Tapered rear discharge means less tractor horsepower is required.

Standard Category 1, three-point hitch makes hookup to your tractor fast and easy. Free-swinging blades, round blade holder, and a shear pin are standard equipment.

BUSH HOG SQUEALER...

The Top Line Rotary Cutter
At A Bottom Line Price.

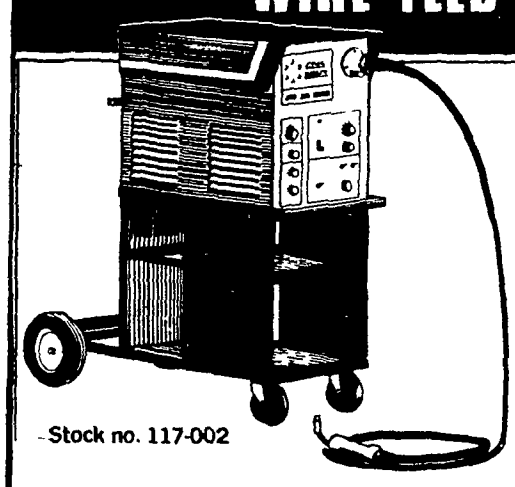
Now You Can Get The Best - For The Least!

NEW ROTARY CUTTERS

In Stock
One only on each of the following

- Bush Hog 600R, 5 ft., 3 pt., Rotary Cutter, with Slip Clutch $1350
- Bush Hog 206R, 6 ft., 3 pt. Rotary Cutter $1350
- Bush Hog 207R, 7 ft., 3 pt., Rotary Cutter, with Slip Clutch $1950
- Bush Hog 307R, 7 ft., Pull Type Rotary Cutter, with Slip Clutch and Hydraulic Cylinder $2750
- Bush Hog 109R, 9 ft., Pull Type Rotary Cutter, with Slip Clutch and Hydraulic Cylinder $3750

CENTURY ALL STAR MIG WIRE FEED WELDER



Stock no. 117-002

Built for Quality, Capability and Economy

- Welds aluminum or steel without expensive attachments
- Welds 26 gauge to ¼" metal with ease.
- Welds in all positions — including overhead and vertical
- MIG Welding is the only acceptable means of welding High Strength Steel used in new cars and trucks

CENTURY®

CALL NOW FOR A FREE DEMONSTRATION

ENERGY HYDRAULICS

6 & 10 TON BOLSTER HOISTS

FOR YOUR WAGON NOW IN STOCK

Pick Up Your Pickup . . . with a new LAMCO Tough Stake™ pick-up body.

- CLASSIC WOOD STAKE BODY
- FOR ANY SIZE PICK-UP
- FULL SIZE 8' LONG
- DROP TAILGATE STANDARD
- PRACTICAL AND USEFUL
- DIFFERENT AND DISTINCTIVE

Now In Stock

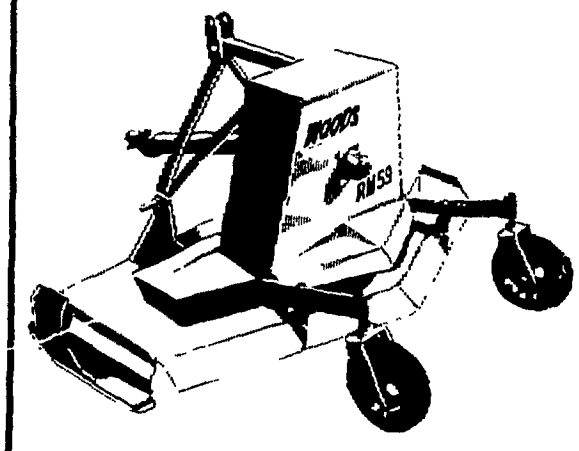
We will install this LAMCO Pick-Up Body on your ½ or ¾ ton truck, complete w/ lights & mud flaps for only

$595.00

We Stock Woods Replacement Parts

WOODS

Division of Hesston Corporation



Woods Mowers In Stock
RM42, RM48, RM59, RM306

USED LAWN & GARDEN TRACTORS

- Sears LT10 Lawn Tractor, 11 H.P., 3 speed with 42" Rotary Mower $595
- Wheel Horse 700 Lawn Tractor, 7 H.P., 3 speed with 32" Rotary Mower $695
- Bolens G-8 Lawn Tractor, 8 HP, 3 Speed, with 32" Rotary Mower $995
- White LGT 1610 Lawn Tractor, 16 H.P., Twin Cylinder, 4 Speed with 44", Rotary Mower $1895
- Bolens 1556 Garden Tractor, 15 HP, Hydro, with 42" Rotary Mower $1895
- Bolens QT-17 Garden Tractor, 17 HP, Hydro with 54" Rotary Mower $3495

These Tractors Have Been Reconditioned By Us And Include A Full 90 Day Warranty

FARMERSVILLE EQUIPMENT INC.

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Located in the Village of Farmersville, Lancaster County
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Hours: Mon., Tues., Wed. & Fri. 7:30 A.M. to 5:30 P.M.; Thurs. to 8 P.M.; Sat. till 3 P.M.

VISA

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor
$21,750

New White 5100 Planters

MOWER CONDITIONERS
Ford 537 7'
$2995
NH 479
$3295
JD 1209
$3295

Oliver #15 Bale Thrower

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
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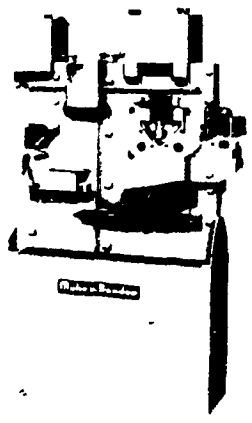
NEW - USED
MACHINE TOOLS SHEET METAL AND METAL FABRICATING MACHINERY



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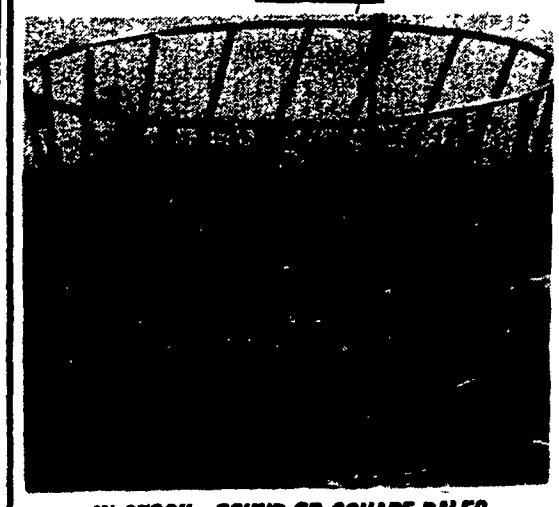
One of Largest Stocks of Machinery In Area

ROUND STEEL HAY RACKS
For 18 Head



IN STOCK - ROUND OR SQUARE BALES
These hayracks are suitable for hay, grain & silage. Exterior plywood flooring
Price **$220**

Bottom ring can be removed for shipping purposes & replacements.

BELL ROAD WAGON SHOP
RD 1 Box 280, Bell Rd.
Christiana, PA 17509
Dealers Welcome
For delivery service call
717-529-2717
or 717-529-2614
or Strasburg area -
Lancaster 717-687-8217

Directions - 1 miles south of Nine Points off 896 on Bell Rd. 8 mi. N. of Oxford

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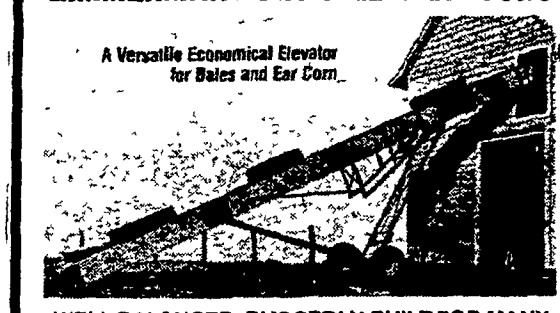
ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE
28 ft... **$1175** 32 ft... **$1250**
36 Ft. and 40 Ft. Also Available

AVCO VM Diesel
ADAPTABLE TO MOST APPLICATIONS

WISCONSIN ENGINES
Sales and Service

HESSTON FARM EQUIPMENT

Model 7140 Hesston Harvester w/rebeveled Grinder — one only
List....$8145
OUR PRICE....**$5600**
NEW HESSTON 3800 RAKE **$1695**
1091 HESSTON WINDROWER..... **$6750**
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1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
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USED TRACTORS

JD 420 W with Loader	JD 4030 Diesel
JD 2240	JD 4430 Diesel
JD 2630	Ford 8600
JD 2640	Allis Chalmers G w/cult.
JD 3010 Gas	Case 1210
JD 3020 Gas	MM335 w/Loader

USED TRACTORS WAIVERED TO JAN. 1, 1983

USED EQUIPMENT

JD 336 Baler w/Thrower
JD 216 Forage Wagon
Allis Chalmers Forage Wagon
Hesston PT7 Mower Cond.
Miller 10' Disc

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

IH SUPER SAVING TIME

STARTING POWER SPECIALS FOR JULY . . . A REAL HELP ON THE FARM!

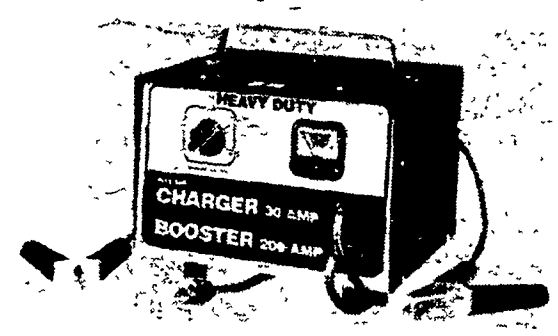
80-amp battery charger, booster and tester

- Charges to 80 amps, boosts to 300 amps
- Tests alternators, battery charge; 7 other tests.
- Exclusive dual meter design.
- Timer
- Rugged construction.
- Part number, 1131 855 R1

$242.95

IH battery chargers:

Starting power for every need!



30-amp heavy-duty charger and booster

Fast charge delivers 30 amps, slow charge 5 amps. Booster up to 200 amps. 407 391 R92.

$113.35

SPECIAL
2 ONLY! **250 AMP WELDER AC-D**
$419.95

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ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
PH: (215) 367-2169

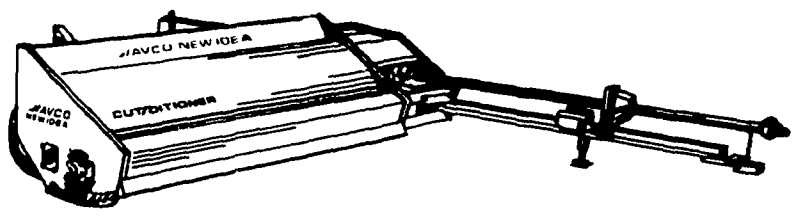
CUT, CONDITION, AND WINDROW.

Now you can go from standing hay to windrows in one easy operation... with either a 7-or 9-foot Avco New Idea Cut/Ditioner.

You can cut, even rain- or wind-flattened crops easily. And under these adverse conditions, the Cut/Ditioner could give you up to 25 percent more capacity than most mower/conditioners do. And the softer, better mixed hay will agree with your livestock.

Stop in and see us today for all the facts.

AVCO NEW IDEA



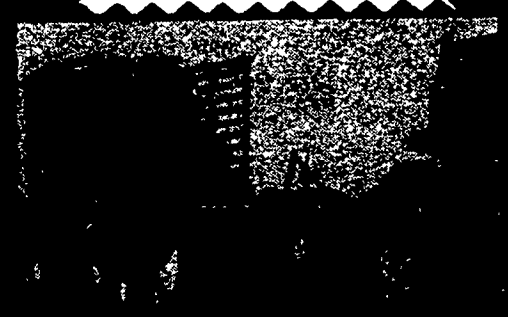
LIST PRICE $7185 Straight Out Sale $4995

CHAS. J. McCOMSEY & SONS
HICKORY HILL, PA
(215) 932-2615

Check our low prices!

FARM EQUIPMENT

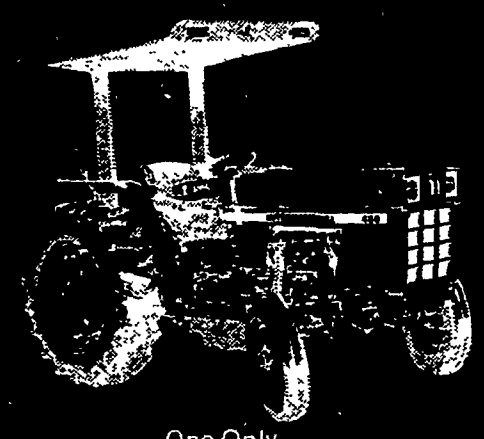
CALL US
WE'VE GOT A BETTER BALER DEAL FOR YOU!



IH 435 baler w thrower	$7995
IH 445 baler w thrower	$8,995
	$4,425
	$6,225
	$5575
	$8325
	$4375
	$2750
	$33,900
	$18,650

(Also 584, 684 diesel tractors at special OLD prices)

12.9% APR financing or waiver of finance till 1-1-83 available on most items



One Only
IH 84 Hydro Diesel w/2250 loader
*$17,150
With available rebate

USED TRACTORS & EQUIPMENT

IH 4140 Skid steer loader 40 HP water cooled 2 cyl. Perk	$9,750
Farmall 806 diesel w/ cab, dual wide front, 3 pt. hitch	$8,750
Farmall 656 diesel wide front, 3 pt.	$13,750
Farmall 656 diesel	$12,900
Oliver 77	$1,200
IH [illegible]	$23,000
[illegible]	$1,000
[illegible]	$6500
[illegible]	$3,750
[illegible]	$1,500
[illegible]	$800
[illegible]	$2950
[illegible]	$1200
[illegible]	$1500
John Deere 7 Bottom 18" [illegible]	$2,150
NH 256 rake	$1,500
IH #7 [illegible] picker	$1,000

14.9% APR financing or waiver of finance available on most items

NEW ALLIED EQUIPMENT

Amco 16' rock flex disk harrow	$10,750
Brillion 12' cultipacker	$1,275
Century 400 gallon pull sprayer tank	$295
Woods model 208-100 8' spindle heavy duty rotary cutter w/ dual tail wheels and rear skid shoe	$2645

1-800-692-7829
We ship parts by UPS daily

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

FARM EQUIPMENT

Used Tractors:

John Deere 2630, 2020, 4520, 4430 w/cab, 4320, 4230, 4030, 4020, 2510, 3020
Allis Chalmers 210, 190XT, 185 like new
Farmall 1086 4 wh. drive, 1466, 806, 766, 656, 460, 450, M, H
Ford 7000, 3400 w/loader, 2000, 9N
MF 175 diesel

Used Combines:

JD 4400
MF 300 quick tach

Used Choppers:

JD 5200 self-propelled chopper
Fox 3000 w/3 row head

Used Trucks:

1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear
IH 2010 tandem w/new grain body & hoist

Used Plows & Disks:

Used Keewanne 21' disk,
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
New Gehl, Fox & Badger Equip.
Large selection of smaller John Deere disks
JD model 2500 6 btm. 18" auto. reset plow
NI 2 row narrow picker
JD 1209 haybine
JD 346 wire w/thrower
NH 273, 275, 276, 278 balers

Special - JD no-till drill, like new

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

FARM EQUIPMENT

Dismantling Combines for parts over 125 all makes and models.
Call before you come

TRACTORS

Oliver 88, live PTO hyd. & power steering.
Farmall Late M, clean
Farmall BN w/2 way plow
IH 205 w/grain head $4000
Ford 901 PS/3 pt. new tires
IH 300
(1) JD Late A
IH 240 w/fast hitch equipment, 2 btm. plow, disc, mower, cultivator, platform, 3 pt. adapter, cornplanter, $2500

COMBINES

Gleaner C2 two heads
Gleaner C2 one head
MF 300 w/cab $2500
MF Super 27 Clean $850
AC 66 pull
IH 203 10', PS $2500

TRUCKS

1970 IH w/24' bed
1965 IH twin screw w/250 Cummings, long frame for dump or 25' bed

HAYBINES

JD 483

HARVESTERS

IH 350 w/1 row and pickup $850
IH 50+ 650 w/2R and pick ups $875
JD 38 2R - $750
NH 717 1R $600
NH Cutter bar head fits 717 - $325

MISCELLANEOUS

NH 67 baler
2 unloading wagons $450 & $750
2 IH 56 blowers
NI 323 picker
AC Hopper blower $275
AC 302 baler w/thrower $680
NI 310 1 R picker $1850
NI 300 2R pull picker
IH PR 2R pull picker
Grass Mowers on hand
NI #7 picker, A-1
IH 430 baler w/thrower, real sharp $1500
IH rotabar rake

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler.
Dismantling 100 combines and 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574

FARM EQUIPMENT

TRACTORS

Ford 550 loader backhoe
Ford 8N loader backhoe
Ford 7000 w/Load Monitor
Ford 5600 low hrs.
Ford 6000 D WFE
Ford 5000 D Dual Power
Ford 5200 G 8 speed
Ford 4400 w/Loader & 3 pt.
Ford 4200 00 D SOS
Ford 3400 w/Loader
Ford NAA Hi-Lo Trans.
Ford 1500 w/350 hrs.
Ford 800 PS
IH 666 D WFE
IH 504 G, 3 pt.
IH C
IH 154 w/Rotary
AC 5040
AC 160D
AC D17 G
AC B w/Equip.
AC G w/equip.
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 77 w/hydraulics
Oliver 70 w/cultivators
Oliver 660 w/hydraulics
JD 2510D
JD 2010 Gas
JD B w/cultivators
Satoh 650 w/loader
Satoh w/Woods mower
MH Pony w/cults.

EQUIPMENT

Woods 9½' Rotary Mower
JD 5' 3 pt. Rotary Mower
JD 65 Blower
MF 33 Grain Drill
JD 14T Baler
Ford 532 Baler
Ford 250 Baler
Mott Flail Mower
Ford 501 Mower

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

USED EQUIPMENT

Hesston PT10 Haybine
Loader for AC 160
(2) NH #56 Rake
NH 352 Grinder Mixer, Like New
Bearcat Grinder-Mixer
NH SP 818 Fg. Harvester
AC Model 90 Pull Type Combine
MH 72 Combine
Used Century sprayers
275 w/thrower
233 w/thrower
AC F-combine w/grain head

USED TRACTORS

AC D17 Diesel
AC WD
Ford 9N
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland
Spreaders

NEW EQUIPMENT

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
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or Bob Gantz Sales
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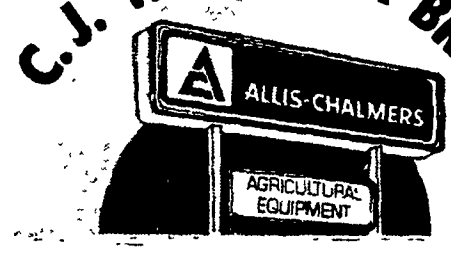
AVCO NEW IDEA

C.J. WONSIDLER BROS.

SPERRY NEW HOLLAND



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Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

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Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
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BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

Due to Large Sales on New Combines, We Have Approx. 30 Used Combines Ready for the Field at Low Prices & Finance. Please Check With Us Before You Buy

TRACTORS

JD 3020 D
JD 3020 G
(2) JD 60
Farmall 656 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
White 2-50 D
Oliver 550
Oliver 55 D
Ford 800
Ford 8N
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 50
Case 630 w/loader
Case 300
AC 7050 w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 190XT D w/cab
AC 180 D
AC 5040 D
AC D19
AC WD45
AC WD

HAY EQUIPMENT

JD 336 Baler w/Thrower
JD 346 Baler w/Thrower
IH 440 Baler w/Thrower
IH 46 Baler
NH 68 Baler
AC 303 Baler
NH 1469 Haybine w/cab
NH 1469 Haybine
Hesston 110 Mower Conditioner
Hesston 1010 Mower Conditioner
AC 904 Mower Conditioner
AC 390 Mower Conditioner
NI 279 Cut/ditioner
MC 9' Scythe
NH 479 Haybine
JD 640 Rake

COMBINES

Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/13' grain & 438 corn heads
Gleaner FKS w/grain & corn heads
Gleaner G w/13' floating grain & 430 corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(2) Gleaner E w/cab & both heads
Gleaner EIII w/cab & both heads
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NH 975 w/11' grain & 238 corn heads
IH 203 w/grain & corn heads
NI Uni-System 714 w/717 combine, 4-row corn head

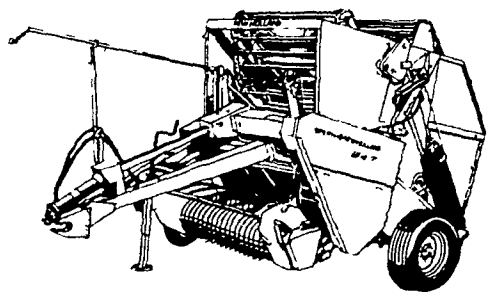
FIELD HARVESTERS

AC 720 2-row & pick up
NH 880 2-row & pick up
NH 717 1-row & pick up
NH 717 2-row & pick up
IH 350 1-row & pick up
Gehl 1-row & pick up
Gehl 6' Flail
NH 33 5' Flail

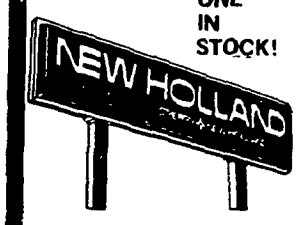
FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

The Time Is Right... The Price Is Right!!

MODEL 847 NH ROUND HAY BALER WITH AUTOMATIC WRAP



Heavy duty coil springs, yielding uniform bale density, super sweep pickup, bale size indicator, 27x950-15 flotation type tires, 400x8 right and left pickup wheel assembly, bale counter and bale ejector bundle...



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$8190

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or
(301) 879-1434

Sales & Service On:
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WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

USED EQUIPMENT

TRACTORS:
IH 1066, No Cab, 20.8x38 Tires - $12,500!
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice
JD 4520, 20.8x38 Radials, No Cab
606 Diesel Utility, 3 pt.
IH 706D, Wide Front
IH 560 Gas, 400 Gas
IH 350 High Utility
IH 350 Farmall, PS
IH 460D, Utility
IH 544 Gas w/2000 Loader
(2) Farmall M
MF 165 Diesel, $3900
MF TO-20 w/Turf Tires
MF 235 Gas w/Turf Tires
Leyland 154 Gas w/Turf Tires
Oliver 1800 Gas, Wide Front End, over & under $4500

TILLAGE:
IH 470 Disc Harrow, 15' Folding
IH 760 14' Offset Disc
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd Plow
IH 531 3 pt. 3 Bot Plow
IH 540 4-Bot 14" Semi Mtd Plow
IH 550 5-Bot 16" Semi Mtd Plow
MF 3 pt Mtd, 3 Bot Auto Reset Plow
AC 3 pt. 2-Bot Plow
Dunham 8 Shank 3 pt Chisel

PLANTERS:
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 3 pt. 4-Row Wide Cultivator
JD FBB 17x7 DD
IH No 10 13x7 Plain Drill
IH No 10 16x7 Single Disc, Comb, Hyd. Lift
IH No 10 16x7 Single Disc, Comb
Oliver 24x6 Combination Drill
Oliver 13x7 Comb Drill
MF 13x7 Comb Drill
Ontario 16x7DD Plain, Late Model
Ontario 14x8 Hoe Drill

COMBINES:
915 Combine, Low Hours, Like New
(2) 844 Cornhead
810 15' Floating Cutting Bar
• Waiver of Finance to 9/1/82

IH 315 (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M

HAY & FORAGE EQUIPMENT:
(2) IH 110 Forage Wagons
IH 110 w/Roof, Like New!
#5 Flail Chopper, Real Nice!
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Model BN98 Badger Blower
Gehl FBB 88 Blower
Gehl FBB 99 Blower
38 JD Chopper
550 IH Chopper
990 Int. Mower Cond., 9 ft SOLD
1014 Hesston Mower Cond.
420T Hesston S.P
NH 479 Haybine
NH 268 Baler with Thrower - $1300
NH 276 Baler with Thrower, Real Nice!
NH 280 Baler with Thrower - Like New!
JD 894 Rake

MATERIALS HANDLING:
Hansen 300 Gal Sprayer, 42 Ft. Booms
157 Hawk Bilt Spreader - $995
187 Hawk Bilt Spreader, L.H
Int 540 w/End Gate - Was ~~$1995~~ Now $1495

ERB & HENRY EQUIP., INC.
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Ph. (215) 367-2169
Daily 7 to 5
Sat 7 to 3

SAME Leyland Tractors
AVCO NEW IDEA

FOR SALE
SAME Saturno 80-80 hp, 4 WD tractor, 920 hrs., w/Hardy loader, $11,985
Case tractor, 870, 12 spd., ps trans., good cond., $8600
Ford Series 661, new rear tires, $2300
JD B w/power trol & cultivator, $825
Coby 14' 3 btr. forage wagon w/roof, $1575
Taylorway 3 pt., 7 shenk, chisel plow, $795
Model 270 NI cutditioner, new flails, good condition, $1,690. SOLD
NH model 516 spreader, 3 btr., exc. cond., $2,485
Badger model 205-205 bu. spreader w/2nd beater, in new cond. $2785
Danuser model BMBH front mounted post driver, exc. cond. $925
N.I. forage blower, model 620, 54" fan, good cond. $875.
26' Little Giant trough elevator, $725
24' Smoker elevator w/elec. motor, $575

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

USED FARM EQUIPMENT

JD 4430 Tractor
JD 1010 Tractor
JD 630 Tractor
JD L Tractor w/plow & cultivators
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
JD No. 50 side mtd. mower
JD 350 3 pt. sickle bar mower
JD hay conditioner
NH 320 baler w/thrower, LIKE NEW
JD 38 harvester w/2 row N. head & hay pickup
MF 110 PTO manure spreader
White 5400 6 row N. no-till planter
JD 46A - loader for JD 3010 thru-4020 tractors
Lely 3 pt. spin spreader
Brillion 11 ft. cultipacker
JD 953 flat bed wagon
Danuser post hole digger
JD 444 - 4 row wide corn head like new
JD 6600 sidehill combine w/13 ft. grain head & 6 row N. corn head
JD 7700 combine w/4 row wide corn head & 13 ft. grain head.
Haban sickle bar mower for JD 300 L&G tractor $450.00

NEW FARM EQUIPMENT SPECIALS

	L.P.	S.P.
JD 660 Rake	$2669.00	2395.00
JD 327 Baler w/ejector	9908.00	8325.00
JD 410 Round Baler	9576.00	7995.00
JD 3940 Harvester, 2 Row Head	13,746.00	12,100.00
JD 3960 Harvester, 3 Row Head	20,631.00	17,900.00
7 ft. Hay Pickup	3377.00	2995.00
JD 1008 10 ft Rotary Cutter	4705.00	4150.00

PACE VISA

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

MF Massey Ferguson

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 4880 diesel tractor
MF 540 diesel combine
MF 860 diesel combine
MF 1143, 1144, 1163 corn heads
MF 13' and 15' tables and Ull reels.
MF 124 baler w/throwers

USED EQUIPMENT

JD 4020 tractor $7950
Case 470 diesel tractor w/loader
MF 760 combine 16' head
2 MF 510 diesel combine
MF TO30 tractor
MF 92 combine
Case 1160 combine, w/13' reel
MF 24, 33, 43, 44 corn heads
Bobcat Melrose 700 skid steer loader

71 Chevy C60 16' dump truck, 30,000 gross weight, 15 ton Midwest hoist

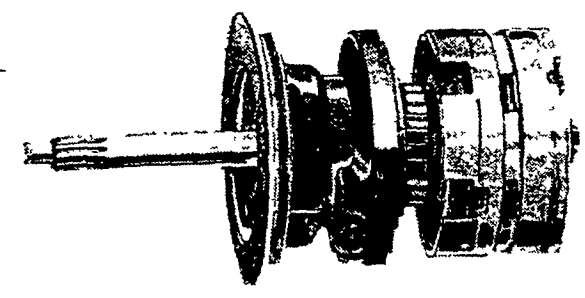
Renting skid steer loaders.

We Service All Makes Of Equipment
Large Inventory of New & Used Equipment

ABRACZINSKAS Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

SIZZLING SUMMER SPECIAL

Torque Up Your Tractor For Top Performance With An I.H. Heavy-Duty Torque Amplifier



Our Parts and Service managers have gotten together and decided to offer a 2 Month Super Special. We will install a **Genuine IH Heavy-Duty TA** in your tractor (706 thru 1486 models) for only **$875.00**

This includes a 2 Year Warranty on your TA

Call Us Now For An Appointment

IH PARTSMART

Also great savings on engine overhauls, clutches and electrical service

MESSICK FARM EQUIPMENT, INC.
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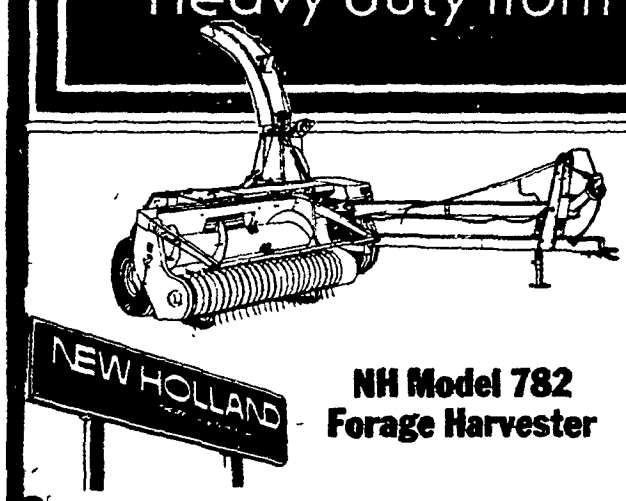
★ WE SHIP UPS

MESSICK FARM EQUIPMENT

YOUR HARVESTING HEADQUARTERS

Heavy duty from hitch to spout.

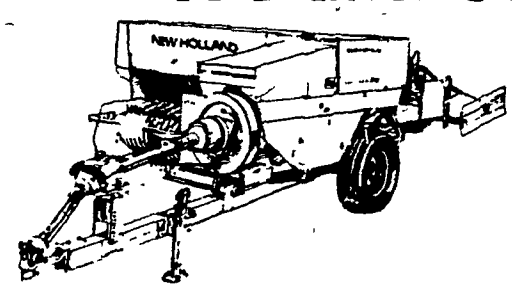


NH Model 782 Forage Harvester

The Model 782 is built for heavy-duty performance. The 12-knife cutterhead chops uniformly, without a recutter screen. But for special crops and conditions, recutter screens are available. Check these outstanding features:

- Exclusive underbeveled knives eliminate the need for rebeveling.
- Flip-up feedroll makes shearbar adjustment easy.
- Choice of 540- or 1,000-rpm driveline.
- Big choice of cropheads, including windrow pickup, one- or two-row low-profile cropheads, sicklebar and one-row, ear-corn snapping head.

A GREAT COMBINATION

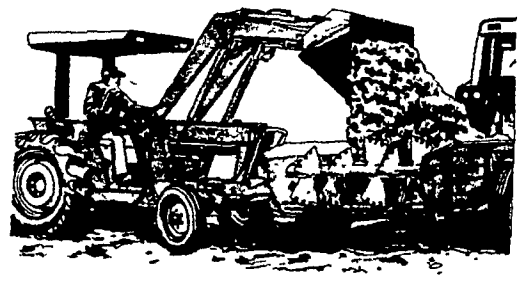


NH 315 Baler

NH Model 75 Hydraulic Bale Thrower With Model 315 Baler

GET A GREAT DEAL ON SPERRY NEW HOLLAND HAY TOOLS!

Waiver of Finance on New & Used New Holland Hay and Forage Equipment until January 1, 1983



INTERNATIONAL 584 TRACTOR/2250 QUICK-ATTACH LOADER

GOOD USED TRACTORS

IH 1086 D Cab and air, like new, only 560 hours
Ford Industrial 2000 W/Front end loader, 3 pt. hitch
Oliver 1855 Diesel 3 pt. wide front, excellent condition.
Ford 3000 D
I.H. 686 D w/cab, excellent condition
I.H. 484 Exc.

GOOD CLEAN USED EQUIPMENT

TRACTORS
IH 1086D, Cab and Air, Only 560 Hours
Oliver 1855 Diesel, 3 pt., Wide Front, Ex. Cond.
Farmall 200 Fast Hitch
Ford 2000 w/Loader
Ford 3000D
Int'l. 706D w/cab, excellent condition

HAY EQUIPMENT
IH 37 Baler w/Thwr
NH 56 Hay Rake
NI Mower Conditioner
IH 430 Baler & Thrower
N.I. Mower Conditioner, Like New
(2) J.D. Hay Tedders
NH 278 Baler
NH 258 Rake

SPREADERS
IH 540 Spreader & Hyd. Gate
NH 327 Spreader
NH 676 New Chain Web

TYE NO-TILL GRAIN DRILL
13½' wide, w/coulters & press wheels. Ready to go! Planted only 150 acres.
$9,700

MISCELLANEOUS
Several Used Cub Cadets
Myers 7 Ft. Snow Plow, Fit Tractor or Truck
NH Model 355 Grinder Mixer w/scales

TILLAGE EQUIPMENT
IH 531 Plow
IH 37 Disc Harrow 11 Ft 6" Cut
Brillion 10 Ft. Packer
Brillion 16 Ft. Transport Harrow
Brillion 12 Ft. Cultimulcher
Brillion 10 Ft. Transport Harrow
IH Little Genius 2 Bottom Plow
IH 10 Ft. 9A Disc Harrow
3 Pt. Disc Harrow

HARVESTING EQUIPMENT
IH Model 234 Mtd. Corn Picker
NH 770 R2 Corn Head
NH Self Propelled 818 Diesel Harvester
1880 N3 Corn Head
Brady 4 Row Stalk Shredder
IH 16 Forage Harvester, 1 Row, Real Clean
IH 15 Hay Rake
Ford 7 Ft. 3 Pt. Sickle Bar Mower
Ford 5 Ft Rotary Cutter
Bush Hog 5 ft Rotary Cutter

SKID LOADERS
NH L425 Skid Loader, Excellent Cond
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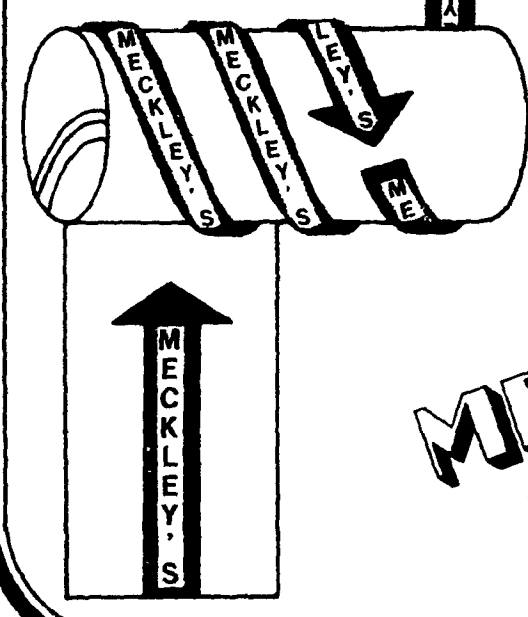

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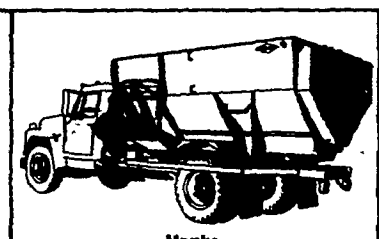

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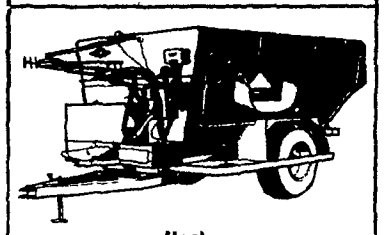

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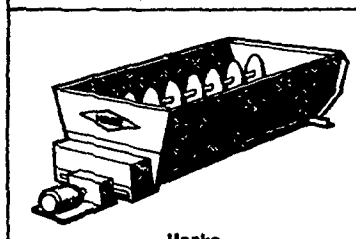

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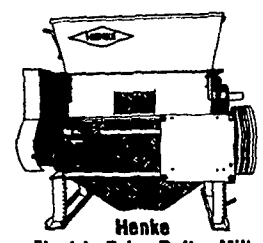

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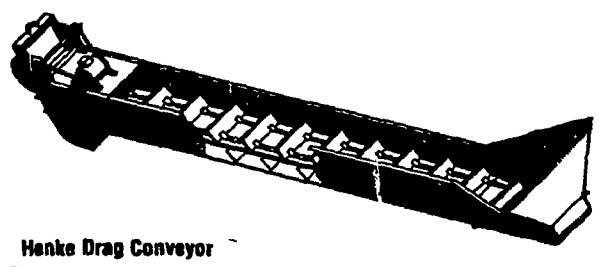

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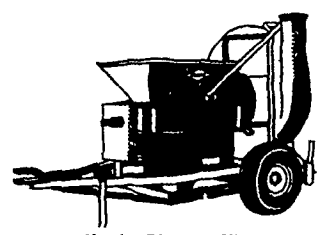

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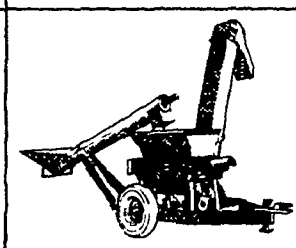

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NH 975 w/13' grain head & 2 or 3 row corn head
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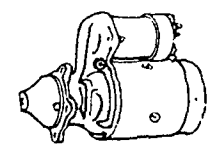

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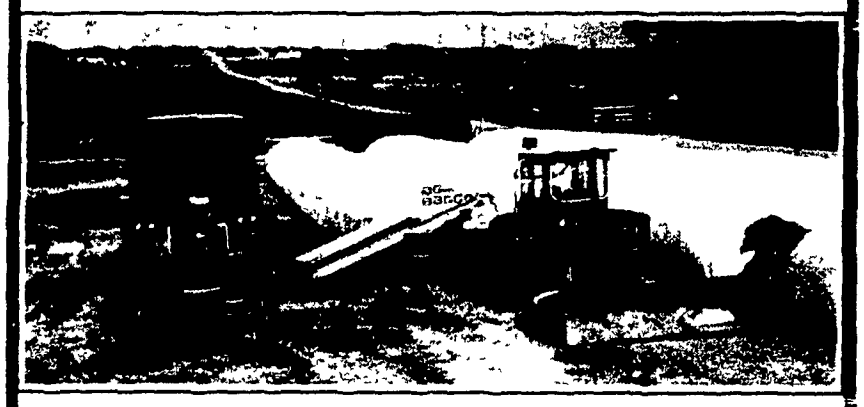

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5742 IH 915D
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7142 IH 715D
7236 IH 315 w/3R Cornhead & 13' Grainhead
6126 IH 503-C w/430 WN Cornhead & 13.5' Grainhead
7222 MF 510 w/63 Cornhead & 13' Grainhead
5373 MF 300 w/2R Cornhead & 13' Grainhead
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7075 Krause 3209 Disk
7491 Krause 2416 Disk
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7538 Brillion 20' Wing Field Cultivator
7504 IH 45 8½' Vibra Shank - Mtd.
7648 IH 55 13 Shk. Trl. Chisel Plow
7630 Ferguson 147 Chisel Plow
7747 McCormick 2F Disk Plow

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE
Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.
INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

TRACTORS

The New Number One!

THE NEW NUMBER 1

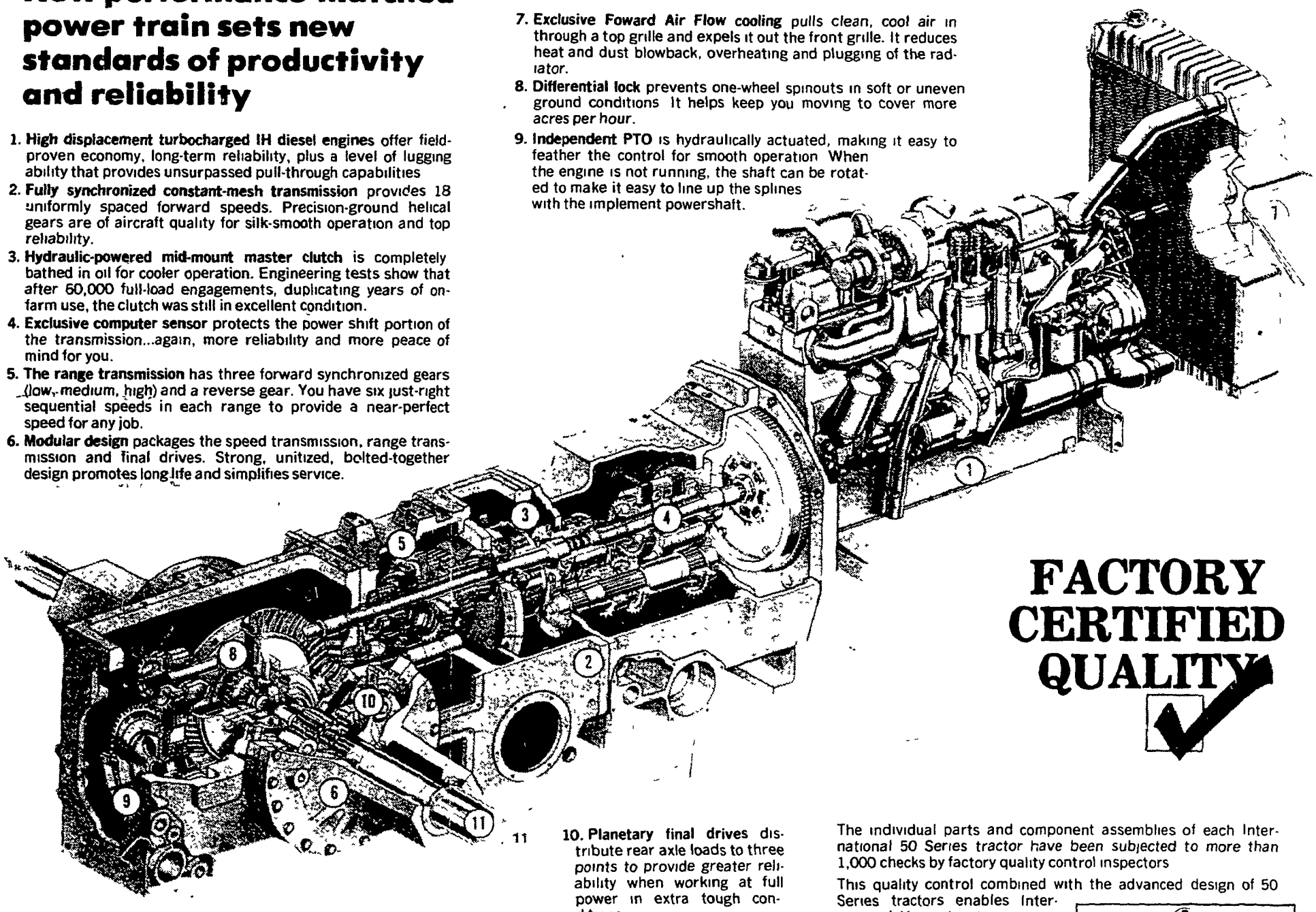
MODELS AVAILABLE WITH NEW POWER TRAIN

4588-185 PTO HP · **5288-160 PTO HP** · **5088-135 PTO HP**

ALL NEW POWER TRAIN

New performance-matched power train sets new standards of productivity and reliability

1. **High displacement turbocharged IH diesel engines** offer field-proven economy, long-term reliability, plus a level of lugging ability that provides unsurpassed pull-through capabilities
2. **Fully synchronized constant-mesh transmission** provides 18 uniformly spaced forward speeds. Precision-ground helical gears are of aircraft quality for silk-smooth operation and top reliability.
3. **Hydraulic-powered mid-mount master clutch** is completely bathed in oil for cooler operation. Engineering tests show that after 60,000 full-load engagements, duplicating years of on-farm use, the clutch was still in excellent condition.
4. **Exclusive computer sensor** protects the power shift portion of the transmission...again, more reliability and more peace of mind for you.
5. **The range transmission** has three forward synchronized gears (low, medium, high) and a reverse gear. You have six just-right sequential speeds in each range to provide a near-perfect speed for any job.
6. **Modular design** packages the speed transmission, range transmission and final drives. Strong, unitized, bolted-together design promotes long life and simplifies service.
7. **Exclusive Foward Air Flow cooling** pulls clean, cool air in through a top grille and expels it out the front grille. It reduces heat and dust blowback, overheating and plugging of the radiator.
8. **Differential lock** prevents one-wheel spinouts in soft or uneven ground conditions It helps keep you moving to cover more acres per hour.
9. **Independent PTO** is hydraulically actuated, making it easy to feather the control for smooth operation When the engine is not running, the shaft can be rotated to make it easy to line up the splines with the implement powershaft.



10. **Planetary final drives** distribute rear axle loads to three points to provide greater reliability when working at full power in extra tough conditions

11. **Heavy-duty, heat-treated axles** have the brute strength to absorb the punishment that's dished out when working in rough field conditions.

FACTORY CERTIFIED QUALITY

The individual parts and component assemblies of each International 50 Series tractor have been subjected to more than 1,000 checks by factory quality control inspectors

This quality control combined with the advanced design of 50 Series tractors enables International Harvester to give you the best engine and drive train warranty ever — 3 years or 2500 hours, whichever comes first.

International Harvester
3 Year or 2500 Hour
Extended Warranty
on Engine & Power Train

CALL US FOR A DEMONSTRATION

All models in stock as Demonstrator Units. See for yourself why Hoobers say there is no tractor to match it.

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

VISA

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NH 479 HAYBINE
$3,000
JD 1209
HAYBINE
$3,000

IH 37 BALER W/
THROWER
EXCELLENT
$950

IH 550 HARVESTER W/HAY HEAD & CORN HEAD
IH MODEL 350
FORAGE HARVESTER, HAY PICK-UP
$250,
SICKLE BAR ATTACHMENT
$75

SHOVER'S
Loysville, Pa.
717-789-3117

JD 4440 Tractor w/cab
JD 4020 Tractor P.S. W.F.
JD 4010 Tractor propane
JD 3020 Tractor WF
JD 2640 Tractor w/145 Loader
JD 2440 Tractor
JD 2240 Tractor
JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
MF TO30 Tractor
Farmall M Tractor
Farmall H Tractor
IHC 656 Tractor
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD FB Grain Drill
MF 300 combine w/platform and 2R cornhead
JD 6620 Sidehill Combine w/215 Flex Platform & Cornhead
JD 6600 Combine w/15' Platform & 443 Corn Head
JD 105 Combine w/platform and corn head
Gleaner MKS II combine w/platform & 6R corn head
Gleaner A Combine
IHC 205 Combine w/13' platform
JD 709 Rotary Mower
Bush Hog 160 PT Rotary Mower
JD 125 Chuck Wagon
JD 115 Chuck Wagon
NI 279 Cut/ditioner
JD 2800 6B Plow
JD 2800 5B Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow
JD 27 Flail Shredder

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

NEW EQUIPMENT

TRACTORS	OTHER EQUIPMENT
JD 650 MF WD	JD 75, 145, 146, 148, 158, 260 Loader
JD 850	JD 506, 606, 709 Mowers
JD 2040	JD 965, 1065, 1075 Wagons
JD 2440	JD 78 Blade
JD 2640	JD 352 Spreader
JD 2940 w/SG	NH 513, 519, 679 Spreader
JD 4040 w/RG & QR	NH 14, 230, Wagons
JD 4240 w/SG & QR	Century 300 gal. Sprayer
JD 4440 w/SG & QR	Century 500 Gal. Sprayer
	Hub 36' Elevator
TILLAGE EQUIPMENT	DeLaval Manure Pump
JD 215 11'5" Disc	
JD 235 19'11" Disc	**USED EQUIPMENT**
JD RM4 Cultivator	Ford 1300 w/front blade
JD 2800 5B Plow	JD 2040
JD 1250 3B Plow	JD 4230 Tractor w/RG
	NH 791 Manure Spreader
HAY TOOLS	JD 54 Manure Spreader
JD 1209 Mower Cond.	NH 320 Wire Baler w/hydraformatic & quarter turn chute
JD 1320 Mower Cond. (Demo)	AC K2 Combine
NH 474 & 489 Haybine	NH 1002 Bale Wagon
NH 256 Rake	IH 1 PR picker
Thrower for 320	IH 990 7' mower-conditioner
Matthews 9E Rotary Scythe	JD 244 corn head
JD 327 & 347W Balers	JD 38 forage harvester w/2R head
NH 847 Round Baler	Gehl 72 C flail harvester
NH 38 Crop Chopper	Gehl 600 forage harvester
NH 311 Balers	Gehl 2 R snapper head
COMBINES & HEADS	
JD 213, 215 Flex Platform	
JD 444 Corn Head	
JD 6620 Combine	
JD 4420 Combine	
PLANTING EQUIP.	
JD 7000 Cons. Pltrs. 4R & 6RN	
JD 8200 Plain Drills	
JD 8350 Fert. Drills	

SPERRY NEW HOLLAND | WAIVER OF INTEREST ON MANY ITEMS | JOHN DEERE

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DeLAVAL
JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

NEW FROM Vicon THIS YEAR

Limited Supply

REASONABLY PRICED
MANY ADVANCED FEATURES, INCLUDING:

- Smooth Full Length belts
- Bale ejection ramps - no backing up
- 108 Tooth 6 bar double cam pickup
- Variable bale density control
- Electronic twine tie std.
- Automatic Chain oiler
- Variable bale size
- Rugged Unibody construction
- Ideal for use in high moisture
- Round bale silage

AVAILABLE AT
TRIPLE H EQUIPMENT
RD1, Box 141
Peach Bottom, PA
717-548-2094
717-548-3775
717-548-2640
or
RED WING FARMS
RD 1378
Fleetwood, PA
215-944-0791

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

Hesston 245 potato windrower
5088
3288 w/air
Hydro 84 RC
584 RC
284 D
1420 combine
770 deep till disc
370 disc
401 harrow 12'
720 plow 5 btm. auto
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
5500 chisel plows
41 cultimulchers Dunham Lehr
40 cultimulcher Dunham Lehr
1302 Holland trans-planter
Gyrostar, tedder and rake
C-80 Woods mower
M-5 Woods mower
Woods scraper blades
445 Utah potato harvester

USED EQUIPMENT

NH 479 mower cond.
Farmall 665 D
IH 424
Super AV
IH potato planter
IH 56 corn planter
IH 455 corn planter
45 vibre shank
Howard sub soil
NH 352 grinder
NH L35 skid steer
Haines bulk bodies
Potato Washers
Mayrath auger 6"x27'
1500 Schwartz loader
Meyers 400 gal. spray
Troyer elevator
Howard Roto Vator 100"

NEW EQUIPMENT
SPERRY NEW HOLLAND

315 baler
310 baler w/thrower
488 mower cond.
519 spreader
L 445 skid steer
442 disc mower
258 rake
256 rake
38 chopper
782 harvester

RD 1, Ringtown, PA
717-889-3184
Your Full Service Dealer

SUMMER SPECIALS

Gehl 120 grinder mixer, exc.
Badger bunk feeder wagon
New 3 pt. blades, 6 and 7 ft., special discount
JD 7' pusher blade
New 5' Bush Hog Rebel model, only 1 left, list $750 . . . . . our price $595
NH Super 26 blower, ex.
Brady hay conditioner
AC 9' transport disk, excellent
AC forage wagon
New 6' bucket to fit Swartz or Oliver manure loader
Swartz feeder wagon, Model 190, 153 bu.
NI roller bar rake, brand new, special discount
20' Steel rack bale thrower body in stock. . . . . special discount $1250
Oliver 3x14 3 pt. plow, exc.
White 316 plow, sharp
NH 53A bale thrower
NI 2 row narrow super picker
JD 2 row narrow cornhead for 38 or 3800 corn chopper
IH 1 row pto corn binder
IH Corn binder

Sales and Service on farm tires

DJ IMPLEMENTS
Located in Reistville
midway between
Myerstown and Schaefferstown
along Rt. 501
717-949-3074

The Vicon KM-240 cuts and conditions the tallest, tangled, wettest, heaviest, hay. This new mower-conditioner eliminates a pick-up reel, so you can put up more hay - FASTER. With a working width of 7'10", it can mow twice as much area in a day as most competitive models. Most competitors use a pick-up reel, which limits ground speed, adds maintenance problems and allows leaf loss.

The Vicon six-disc cutter bar feeds your crop directly, stem first, into rubber rollers that condition green hay or wet grass. It dries faster and bales easier, saving time and labor.

The KM-240 has no chains, no belts, no sickle bar. If you need only a mower, look at the Vicon CM-165 (4 discs-5½' working width) or the CM-240 6 discs-7'10" working width). Both make clean cuts in heavy grass or tangled crops.

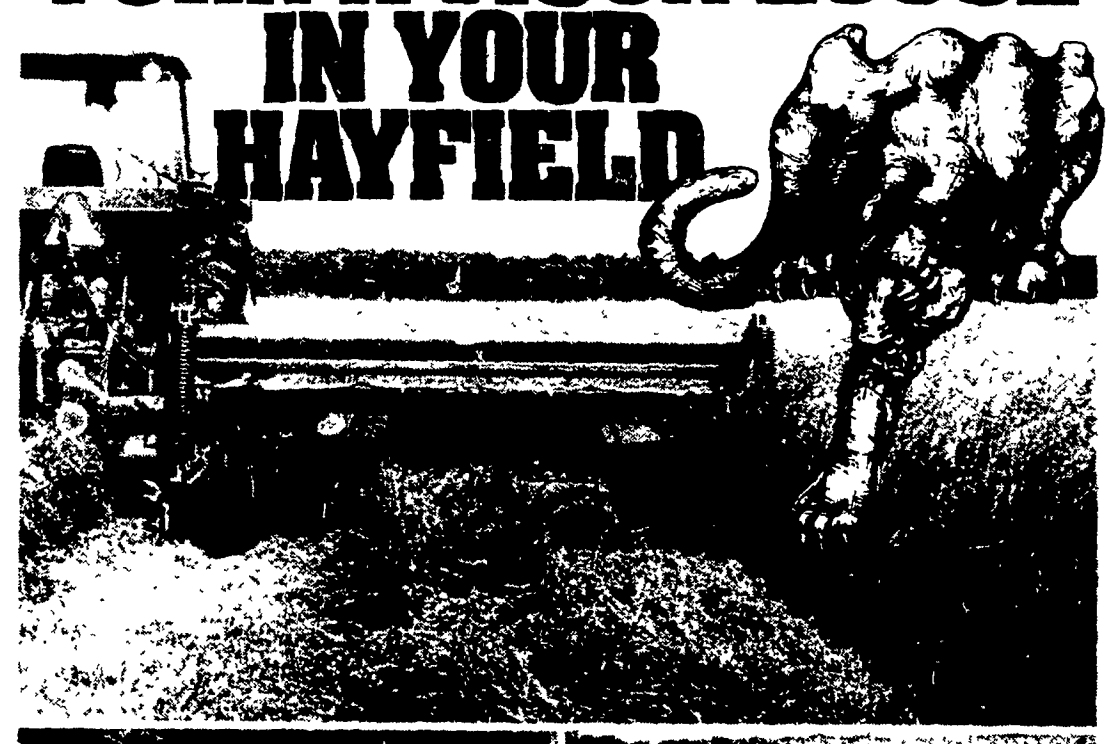
See at TRIPLE H EQUIPMENT or RED WING FARMS or Ask For a Free Demonstration
New Special Cash Discounts on all Vicon Equipment
Mowers — Rakes — Power Harrows — Seeders — Round Balers

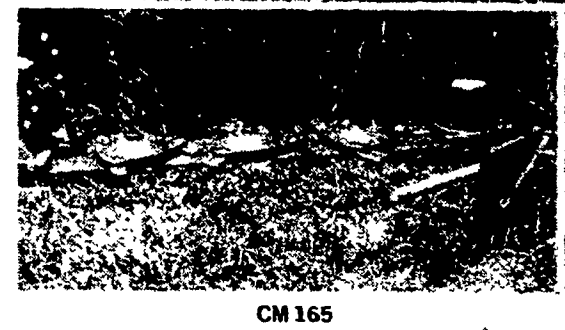
Triple H Equpment
RD1, Peach Bottom, PA
717-548-2094/548-3775/548-2640

Vicon

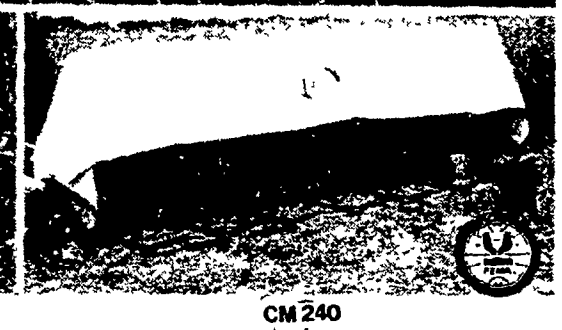
Red Wing Farms
RD 1378, Fleetwood, PA
215-944-0791

TURN A VICON LOOSE IN YOUR HAYFIELD





CM 165



CM 240

LANDIS BROS., INC

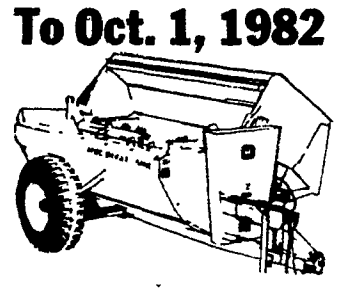
1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

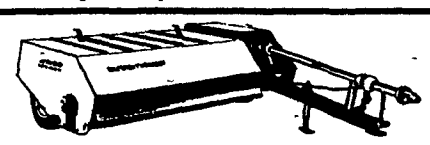
CHECK THESE SPECIALS

Call Right After 7 A.M.
For Information & Prices

NOW: Special Finance Waiver — NEW John Deere and Used Spreaders Finance Charges Waived To Oct. 1, 1982



New Spreader in Stock
Special prices, 465 Tank



NEW IDEA 272 CUT/DITIONER
Special $3990

Used Disk Harrows
JD 210 12'10" 36 BL
JD AW 15'2" 44 BL
JD F930 15'30" 3 Pt. Roller Harrow
JD 310 - 12'10"
JD 111 - 10' 28BL
JD 110 - 11'4"

Used Grain Drills
JD FB17 B Single Disk
Ontario 16 Disk w/GSA

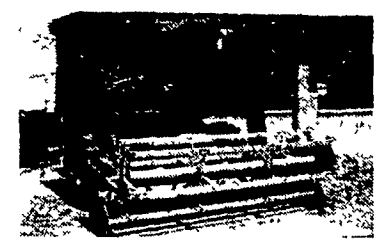
Used Mower Conditioners
JD 1209 - 9 ft.
Massey Ferg. - 9 ft. conditioner
Hesston PT10 ft. conditioner

Used Cultivators
JD RG430 4 row 30" Rear 3 PT

SAVE NOW ON THE USED COMBINE OF YOUR CHOICE

JD 1976 4400 DIESEL COMBINE
variable speed drive w/rigid platform
$24,500

GET THE HARVESTING EQUIPMENT YOU NEED NOW WITH NO FINANCE CHARGES UNTIL JANUARY 1, 1983

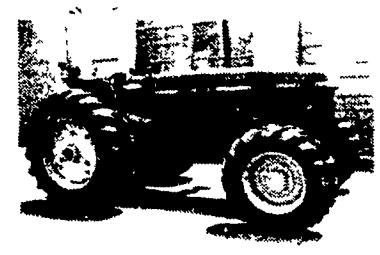


JD 1972 7700 DIESEL COMBINE
w/rebuilt engine and 14 ft. platform
$23,750

SAVE NOW ON THE USED TRACTOR OF YOUR CHOICE WITH NO FINANCE CHARGES UNTIL JANUARY 1, 1983

JD 1972 4230 DIESEL
w/quad., sound guard body, radio, front weights
$16,900

JD 1972 4620 DIESEL
w/power shift, cab, heater, radio
$18,500



JD 1980 2940 DIESEL
w/MFWD 300 hrs.
$20,900

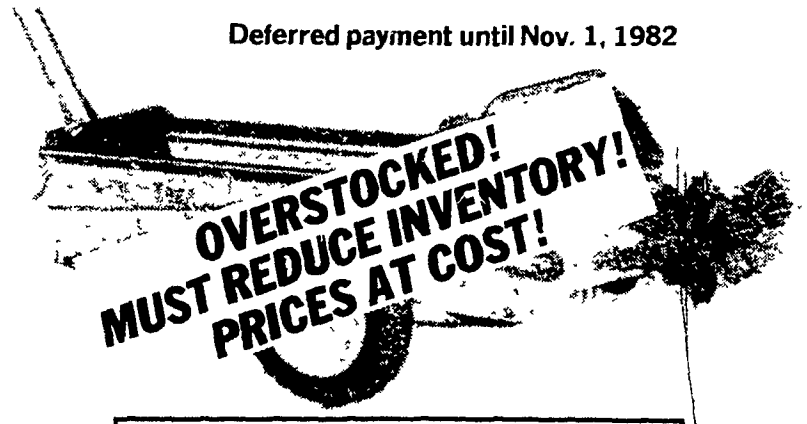
NEW TRACTOR - SPECIAL PROMOTION $ AVAILABLE
JD 4640 PS SG
JD 4440 PS SG
JD 4240 Quad, SG
JD 4040 PS SG
JD 2640
JD 2440

Used New Idea Uni-Equip.
702 dsl. power unit w/cab
705 dsl. power unit w/cab
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC
763 3R
725 3R Snapper
766 Hay Pick-up

Used Forage Harvesters
JD 3800 PT w/2R - 30" RC
IHC - 830 PT N/3R 30" RC & hay Pickup w/Knife Sharpener
Fox 2000 w/elect. Knife Sharpener 2R - 50" & Hay P.U. Attach

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

Deferred payment until Nov. 1, 1982



206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.
For Shipment NOW Order Yours Today.

SPECIAL - USED TRACTORS - JDFP FINANCE WAIVER UNTIL JAN. 1, 1983
JD 2940 MF WD 300 hrs.
JD 2640 RU dsl. w/146 loader
JD 4230 quad. range SG
JD 2630 RU dsl.
JD 3020 dsl.
JD 3010 dsl. RC
MF 65 dsl.
IHC 606 dsl. w/TA
JD 4020 PS WFE
JD 2010 RC
AC 5050 Dsl. w/Loader

USED LAWN & GARDEN TRACTORS
JD 210-10 HP-46" mower
JD 112-10 HP-46" mower
JD 110-8 HP-38" mower
JD 100-8 HP-34" mower
JD 60-6 HP-34" mower

Ariens-S12-12 HP hydra.-48" mower
Gravely 430-12 HP hydra.-46" mower
NH S-12-12 HP hydra.-48" mower
A-C 312-12 HP hydra.-46" mower
A-C-8 HP, gear-36" mower
Wheel Horse 800-8 HP, gear-36" mower

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NEW EQUIPMENT
JD 2240 Dsl. w/FWhD
JD 2940 Dsl. w/FWhD
JD 2440
JD 4240
JD 1440 Planter w/80 units $4500
JD 2420 SP Windrower $23,475
JD 534 Dozer Blade $2635
JD 3960 Harvester $9955
JD F950 12' Roller Harrow $3950
JD 567 Wheel Rake $1275
JD 450 Spreader $5645

USED EQUIPMENT
JD 3R 30" Corn Head $2895
JD 1R Corn head $650
Hesston PT10 Mower Conditioner $1695
NI 325 picker w/super sheller $5995
JD 344 3R 40" Corn Head $2495
Woods MC80 mower $895
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD AW 9'10" Disk
JD 494 4R Plate Planter
IH 4R #56 Corn Planter $1450
IH 400 4R Air Planter $1895
IH 6R Air Planter w/dry fert.
Farmhand Loader to fit JD 1010 & 2010
JD 216 Fg. Box w/1075 gear
JD 350 Rake 3 pt. hitch
JD 4630 Tractor w/Duals
JD 4430 Dsl. Tractor
JD 4020 Dsl. Tractor
JD 2630 Tractor
JD 2440 Tractor

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

NEW HOLLAND

NEW HOLLAND FREE FINANCE HAY & FORAGE AND COMBINES JAN. 1, 1983, SPREADERS, GRINDER-MIXERS, SKID STEER LOADERS SEPT. 1, 1982

NEW EQUIPMENT

NH 474, 488 haybine
NH 892 forage harvester
NH 880W pickup head
NH 722 one row head
NH 822 2 row heads
NH 38 crop chopper
NH 80 bale mover
NH 13' rigid grain head
Pequea running gear
McConnell 14' forage box
NH 962 W4 corn head
NH 513 & 519 manure spreaders
NH L325 skid loader
NH 234 8 ton running gear
NH TR85 combine w/Cat engine
Glenco soil saver
Vicon mower conditioners
Vicon rakes

USED EQUIPMENT

NH 717 r1 corn head
NH 717 forage harvester w/1 row head
NH 285 baler
NH 269 baler w/thrower
Ford 612 chopper w/head
Ford baler
Hesston PT 10, haybine
NH 479 haybine

SPECIAL PROGRAM JULY 1 to AUGUST 31
12 MONTH CONTRACT
AT NO INTEREST CHARGES

Renting skid steer loaders

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

g-Industrial Equip. Co.

ALLIS-CHALMERS SPERRY NEW HOLLAND
KUBOTA AVCO NEW IDEA Brillion

TRACTORS
(2) AC 5050 1 w/loader
Kubota 185 w/belly mower
JD 4430D
Case 450 Crawler/loader
Ford 4500 w/Loader

BALERS
JD 14T
NH 315 w/58 thrower
(2) NH 268
(1) NH 320 w/thrower

SKID LOADERS
NH L-445 Gas
(2) NH L-775 Gas
NH L-778 Dsl.

WAGONS
Hesston 30 Stackhand
NH #8
NH 1000 Bale
NH 1010 Bale

SPREADERS
NI 224
NI 213
NH 365 Tank

COMBINES
JD 105 w/444 C.H. and G.H.
AC M2 w/4R Hd. and 15' G.H.
NH TR70 w/15' G.H. and 4R C.H.
AC CII w/14' Flex Hd.
AC E w/10' G.H.
MF 510 Dsl. 6RN

MOWER CONDITIONERS
(2) NH 479
(1) NH 495
NH 469
(2) NI 279
NH 1495D Hydro 12' SP
NH 1469 w/Ford Eng. 9' SP
Hesston 620 windrower

FORAGE HARVESTERS
NH 880 w/2RW and WPU
NH 1880 SP Cat Dsl. w/new style hds., 3RN and WPU
JD 3960 w/2 Row hd. & WPU

RAKES
Brillion Stone
(2) NH 260
(2) NH 258
NH 256
(2) NI Bar
NI Wheel
V tandem Hitch

CORN PLANTERS
AC 4R no-til w/liq. fert.
AC 6R no-til air w/gran. fert.
AC 4R no-til w/gran. fert.
IH 8R Cyclo
IH 4R Cyclo
JD 1440 no-til
White 4R no-til, air
International 6R no-til

MISCELLANEOUS
JD 11' Disc
Bush Hog 12' Disc
AC 2300 Disc
AC 60" Mower
JD 25A Flail Mower
Woods M5 Mower
JD 5' Mower
NH 442 Disc Mower
JD 237 Mtd. C. Picker
NI 2R #324 C. Picker
JD Stack Shredder w/Stack Mover
Speed King 41' Elevator
Ontario Drill

Sales Department Call Ed Greenleaf Bob Carroll or Sam Siple
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Immediate Financing
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Large Parts Inventory and Modern Shop Facilities with Factory trained Specialists to serve You Better.

WF WOODS Division of Hesston Corporation SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1655

SPREADERS
NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH
NH 790 Spreader

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow

COMBINES
NH 975
Oliver 18 Pull Type

HAYTOOLS
NH 268 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond.
NH 460 Haybine
Gehl 880 Mower Conditioner
Hesston 1090 Mower Conditioner

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head
IHC 16 w/1-Row & Pickup

NEW EQUIPMENT IN STOCK

WHITE 2-30 2-Wheel Drive
WHITE 2-45, 2 & 4 Wheel Drive
WHITE 2-62, 2 & 4 Wheel Drive
WHITE 2-70 Tractor
WHITE 2-85 Tractor
WHITE 2-105 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 & 90 Bale Movers
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 & 800 Spreaders
NH 367, 363 & 303 Tank Spreaders
NH TR75 Combine
KUBOTA - All Sizes In Stock
CAGLE Sprayer
BOBCAT 530, 642 & 743
TYE No Till Drill
GLENCOE 7' Soil Saver
MORRIDGE 275 Grain Dryer

KUBOTA® bobcat

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Located 14 Miles South of Port Royal on Rt. 75

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #718 Harvester (1 only)	$6050
NH #456 Mower, 1 only	$1995
NH #679 Spreader 11:20 Tires	$5835
NH #230 Wagon, 6 rims, standard tongue, 1 only	$620
NH #303 Liquid Tank Spreader (Demo)	$7660
NH #791 Spreader	$7130
NH #310 Engine Baler, Steel Wheels	$6990
NH #451 Mower	$1775
NH #495 Haybine	$9940
Pittsburgh 3B 18" Auto Reset Plow	$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Oswalt Ensilmixer, 1830 trailer w/Ditigal scales	$9500
Oswalt Ensilmixer, 1830 Stationary w/scales	$9390
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695
Dunham 7' Chisel Plow	$1175
Dunham #22 Loader, fork and 64" pan	$1995
Hub Tool Elevator 36 ft.	$1995
Walsh 300 Gal. Sprayer 34', Cyn Pump	$1925

NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine & Meter Detector
Call For Special Price.
PLUS FREE FINANCE TILL JAN. 1, 1983
OR $2800 REBATE

- **SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW NEW HOLLAND HAY AND FORAGE EQUIPMENT TILL JAN. 1, 1983**

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

(2) NH 512 Spreaders
NH 518 Spreader, top beater
NH 707 Harvester w/1R Corn Head
NH 770 Harvester
Bush Hog 12' Offset Disc, 26" blades, excellent condition
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
Dunham 10' Cultipacker
NH 479 Haybine
NH 469 Haybine
NH 354 Grinder Mixer
NH 717 Pick-up Head
NH 770 R2 Head
NH 770 N2 Head
NH 273 Baler w/Engine

DEPENDABLE IS MORE THAN OUR NAME

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

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Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

GUARANTEED
QUALITY USED TRACTORS

JD 4430, factory cab & air, quad range, good tractor
JD 730 D, elec. start, 3pt., good tires, needs work $1800
JD 2840 D fully equipped, very sharp
IH 1456 real nice, fully equipped
IH 1256 fully equipped w/cab, real nice
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped w/year round cab
IH 856D w/cab 18.4x38 wedge lock wheels, fully equipped.
IH 303 Combine later model w/3R narrow corn-head & 13' grain head w/p.u. reel, clean, priced to sell $4500.
MF 300 quick-tach 13' grain head, 2 row wide corn head
IH 403 combine w/cab, 3R wide 13' grain head, $3750
744 Uni quick-tach, 4RN corn head
IH 574D, 75 model row crop, 1800 hrs.
IH 1206 WF, 3 pt., good, cheap hp
Farmall Super MTA
Late Model 856 WF, 3 pt. hitch, 38" rubber
AC XT 190 Series 3 w/cab, real sharp
JD 4620 p. shift, fully equipped
IH 806 D dual hyd. & pto, WF
JD 4020 Diesel, power shift, 38" rubber, cab, clean
Farmall M with wide front
Farmall M, PS
IH 37 10' disc
6 Row Dunham cultivator, 3-pt hitch
IH 56 blower $850
Cab for 3010 to 4020, "year round" also 4320
IH & JD rear & front weights
Duals for JD & IH 34" and 38"

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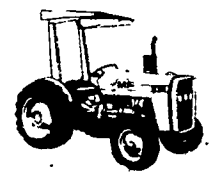

MF Massey Ferguson

TRACTORS & EQUIPMENT

IH Farmall Super H Tractor
IH Tractor w/Cab & Attach.
Ford Loader for Ford 2000
JD 336 Baler w/Thrower
IH 460 Tractor w/Loader
IHC 340 Farmall Tractor
AC D17 Dsl. Tractor
Ford 8N Tractor w/Loader
MF 165 Diesel w/Loader
MF 50A Tractor, Loader, Backhoe
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
Loader for 65 or 165 Tractor
Gehl 120 Grinder Mixer
NH 467 Haybine
NH 478 Haybine
NH 892 Fg. Harvester
Fox 1000 Forage Harvester
NH 36 Crop Chopper
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH #90 Bale Handler
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
NH 462 Disc Mower
NH #8 Crop Carrier
NH #30 Blower
IH Rake

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 230 Tractor
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 205 Diesel Tractor
MF 50C w/Loader
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 20 Turf Tractor
JD #336 Baler w/Ejector
MF 124 Baler
MF 236 Loader
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF 345 Plow
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

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USED EQUIPMENT

TRACTORS
JD 2440 w/800 Hrs
MF 65 Gas
JD 1050 w/170 Hrs
JD 3020 D w/WF
JD 1010 C w/Blade
IH 340 New Paint
JD 70 Skid Loader
AC B No Hydraulic
David Brown 990

HAY EQUIPMENT
JD 346 Baler w/Thrower
JD 640 Rake
JD 483 Mower Cond
NH 880 Harvester No Head
Gehl Blower
NH 23 Blower
Badger Forage Wagon
JD #50 Mower
JD 737 Rotary
Mott 72 Flail Mower

JULY SPECIAL
Badger 3000 gal. Tank
$7895.00

OTHER NEW SPECIALS

JD 125 Skid Loader	$12,500
JD 1710 11' Mulch Tiller	$5,500
JD 1010 15' Field Cultivator	$1,995
Landoll 7 Shank Soilmaster	$5,150
Little Giant 42' Elevator No Motor	$1,900
JD 465 Manure Spreader, Demo	$3,750
Taylor 7-Shank Chisel Plow	$1,500
Badger BN6190 Feed Mixer Wagon	$9,995

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Berks County's Full Line John Deere Dealer-
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MF 150
MF 1105 w/cab & air
MF 2805 w/duals
JD 4020

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12' Rhino Rock Flex Disc $4200
13' 245 Bush Hog Offset 26" Disc $7600
14' 1439 Bush Hog Disc
SEE THE NEW HESSTON TRACTOR LINE 40 TO 160 h.p.

NEW EQUIPMENT
NI 802 Uni w/Harvester
Allen 20' Hyd. Rakes
NI 708 Uni w/Air, $29,000.
Kuhn & Pequea Hay Tedders
Westgo 6R Cultivator

USED TRACTORS
Oliver 1850 D
JD 2510 Gas

Used Hesston 4800 Big Square Baler

USED HARVESTERS
MF 510 Dsl. Combine w/13' Soybean Head
NI 702 Diesel Uni
IH 715 Combine, 13' grain & 3 Row Corn Head
Fox 3310
Fox 3000
Fox SP super E Hydro
Fox 503 Snapper Head
Fox 299 80" Flail Head
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
Field Queen Standard 3R Head & Pickup
JD 3800
Gehl 600
Fox 3000
NH 320 Baler w/thrower, like new

USED EQUIPMENT
Lely Double Wheel Rake 18 ft.
JD 1240 Planter
IH 400 4R Planter
12' Brady Shredder
Hesston Stackhand #30
Fox Blower
NI 725 3RN Head
NI 729 Sheller
JD 7' Rotary
NI 323 1R Picker
Hesston PT10 Windrower
NH 479 Haybine
Hesston 1010, 1014, 10 & 12 Ft. Hydro Swing Windrower
NI 710 Combine
Little Giant 38' Elevator
Bush Hog 24' Soil Finisher
Glencoe 13 Shank Soil Saver
Woods C114 10' Rotary Mower
Woods 20' Bat Wing
NI Side Dump Wagon
JD 214 2 btr. wagon
IH 51 wagon, 3 btr. & roof
MC 7' Rotary Scythe
Schwartz 850 Mixer Wagon w/scales

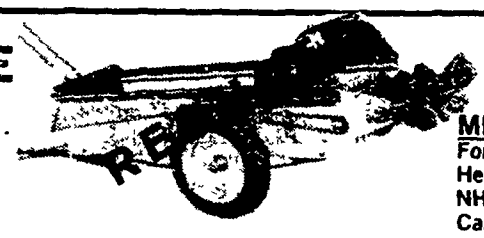
STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

WAIVER OF FINANCE ON USED TRACTORS TILL DEC. 31, 1982

JULY SPECIALS — NEW & USED EQUIPMENT

- Used Case 1170 Tractor, Cab, 8 Speed, 120 H.P..... $12,500
- Used Case 1370 Tractor, Cab, Air, Heat, Power Shift..... $15,000
- Used '79 Case 1845 G Uniloader, 12x16.5 Tires, New Bucket, 1200 Hours..... $11,000
- New Bush Hog 10 ft. Offset Disc..... $5,400
- New Bush Hog 12 ft. Offset Disc..... $6,300
- New Case 12 ft. Chisel Plow..... $1,800
- New Case 1816B Uniloader..... $5,900

206 GROUND DRIVE SPREADERS IN STOCK



USED EQUIPMENT

TRACTORS
Case 1170 Cab
Case 1070 D
Case 1370 C-A-H
IH 660 D
AC 7080 C-A-H
DB 1200 D
JD 430
IH 424G
'79 Case 1210 p.s.
Farmall H
IH 606 TA

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Picker, Clean

LOADERS
1530 Uniloader
Uniloader Broom
Case 580 C Diesel
1845 D
1845 G

UNI-SYSTEM
701 Power Unit
702G w/combine
767 harvester
762 row crop
730 4RW Head

FORAGE
J.D. 65 blower
N.H. 1880 SP
J.D. 216 forage box
J.D. 125 forage box
Stauffer forage box
J.D. 15A Flail Chopper

MISCELLANEOUS
Ford 101 plow
Hesston PT 10
NH Lime Drill
Case 12' Disc Harrow
Wetmore 878 grinder mixer
J.D. 480 Mower conditioner
Case 555 Mower Conditioner
N.H. 352 Grinder Mixer
N.H. 371 Flail Spreader
Case Auger Elevator
MF 880 6, 7 btm. plow

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case | NEW IDEA | GEHL Gets into your system | BUSH-HOG

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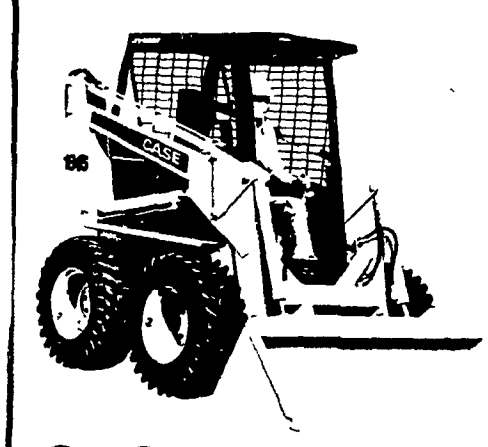

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Farmall H tractor
Ford 2000 tractor, 4 cyl.
Ford 530 baler
(2) NH 717 forage harvesters

LAST YEAR'S EQUIPMENT

310 NH baler w/wagon hitch & bale chute
213 NH spreader, used once only
230 NH wagon w/new tires

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT

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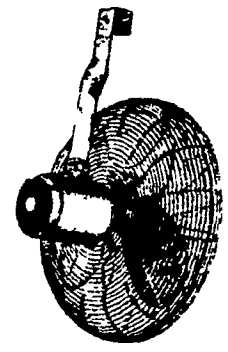

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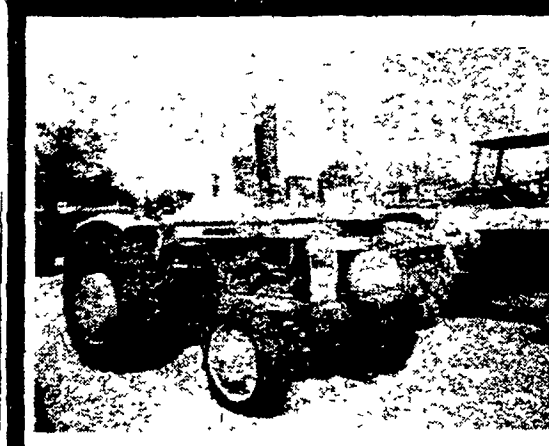
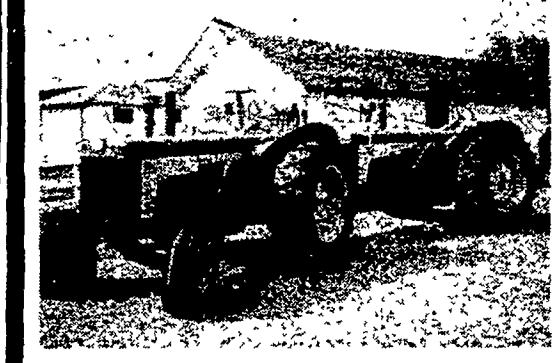


MM G706 LPG 4WD Nice original tractor cheap $3950



JD 830's - Nice & Clean - $4500 each or buy the train - $8750

Case 1845 Diesel - 1979 runs good $8500

CONSTRUCTION EQUIPMENT

CRAWLER DOZERS
Cat D8 ..... $1950

FORKLIFTS
Int 340 - 14' ... $5800
Yale 3000 Lb... $3950
AC 621-21' $8950

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab. $15,900
3 Pt. Backhoe.. $2400
IH Hoe Attach.. $1800
IH 3800 4WD w/Cab $9500
Ford 4500 .... $7500

SKID STEER LOADERS
Case 1740 Diesel $5800
Case 1816 - 400 Hours $3500
Case 1845D ... $8500
Melroe 731D .. $7500

TRAILERS
1969 Great Dane 35 ton detachable .. $14,750
New 2X 4 Ton ... 1350
New 3x6 Ton... $2000

LOG SKIDDER
JD 440A-1970 . $8750
JD 401B-1975 . $6750
Orange Skidder $5950

MISC. CONSTRUCTION
(40) Used hoe buckets ... From $150
(25) Loader buckets .... From $95
(8) Set forklift forks ..... From $300
(6) Winches ..... Call
Adams Grader . $2000
Michigan 75 Loader $5950

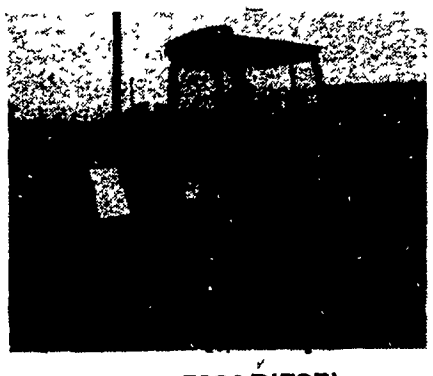
CRAWLER LOADERS
Cat 941 ..... $15,900
Cat 933 ..... $8750
JD 350 ..... $7500
AC HD4 ..... $3000

TRUCK TRACTOR
1974 Ford Louisville Diesel $7950
1979 GMC Cab Over $22,500

CONSTRUCTION DUMPS
(2) 1974 IH & Ford Diesels w/9' Bodies - Air Brakes... $11,900
1968 Ford 1 Ton $3950
1967 IH Gas... $2500
1966 IH Diesel . $3000
1967 Ford Tri-Axle, Gas..... $5950

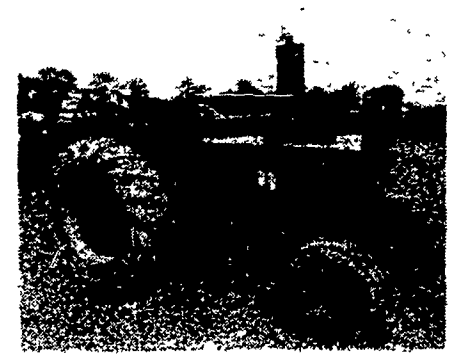
CHOOSE FROM THESE USED TRACTORS AND COMBINES!

• Finance Plans Available • Waiver of Finance Available To Jan. 1, 1983



1978 F986 DIESEL
• With ROPS, Enclosure, 922 Hrs.

1976 F186 DIESEL
• Hydro w/cab, 891 Hrs.



1969 F856 DIESEL
• 18.4x38 Rear Tires, T.A.

1975 JD 4030D Quad Range
• 2821 Hours

1981 IH 1420 COMBINE
• Cab, Air, Monitors, 141 Hours

IH 815 COMBINE
• 13 Ft. Header, 743 Cornhead

bobcat

USED EQUIPMENT

Tractors
Farmall H
Farmall M
Farmall 856D
IH F 400 D
IH F 460
F986D
IH F886D
IH F1066D w/cab
IH F1256
IH Hydro 186
IH 3200 Skid Loader
JD 4030
MF 255
Ford 900
Bobcat 520 Skid Loader
Oliver 550 w/Loader

Tillage
IH 24 Offset Disc
IH 45 Vibra Shank
IH 122 Mtd. Disc Harrow
IH 4500 V S. 12 Ft.
Lely Power Harrow
JD KBA Disc
Dunham 10' Cultimulcher

Plows
IH 211 2F 16"
IH 700 6F Auto. Reset
IH No. 8 Trailing
IH 412 3F Trailing Plow
MF 3F 3 pt. Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 3F 14" 3 pt.
Ford 5F 18"

Hay Machines
IH 430 Baler
IH 46 Baler w/Thrower
IH 10 Bale Thrower
IH 27V Mower
IH Cub 222 Mower
IH 990 9 Ft. Mower Conditioner
M.C. Rotary Scythe
Myers Hay Crusher
NI Mower
NI 402 Rake
JD 214 Baler
JD 1209 Mower Cond.
MF Rake

Pickers
IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No. 10 Cornpicker
NI 323 1-Row
MH 2 Row Self Propelled Picker

Forage Equipment
IH 16 Harvester w/2 Heads
IH 350 FH
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 56 Blower
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
IH Hay Pickup 350
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower
Kools Blower
Gehl FB99 Blower

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo 4 Row
IH Super C Cultivator
JD 4 Sect. Rot. Hoe
JD 494 Planter
JD 1240, 4-Row
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill
Oliver 17x7 Drill

Lawn & Garden
IH Cadet 60 Riding Mower
IH 81 Lawn Tractor
NI EGT 100 Electric
MF 16 Tract. w/Mower
Snow Blowers
E.Z. Lawn Vac.
AMF 10 HP Rider
Bolens G10 w/Mower
JD 110 w/Mower and Snow Thrower
Sears 10 HP w/Mower

Combines & Cornheads
IH 127
IH 403 Combine
IH 815D Combine
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head
IH 743 Corn Head
IH 844 Corn Head
IH 1420 Combine
MF 510 Combine

Miscellaneous
IH 20 Loader For Super C
IH 1050 Loader
IH 1850 Loader
IH 2001 Loader
IH 580 Spreader
NI 213 Spreader
NI 214 Spreader
Martin 2400 Gal. Spreader
Waldron Dozer Blade w/IH or JD Mountings
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Uebler Feed Cart
IH 300 Mixer Wagon
Kim Post Hole Digger
Akey M50 Mini Spreader

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Used IH 430T Baler
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Cub w/Fast Hitch - Nice $2000
1086 ROPS - Nice $13,700
1066 Cab - Black Stripe .. $10,900
856D WF - 3 Pt $8950
100 Hydro w/Rops $7950
Super M - Extra Nice $1950
F20 w/Loader - 1 Owner.... $1000
Cub w/Cultivator $2000
966 Hydro $7950
M w/NI MTD Picker $3950

JOHN DEERE

4430 Cab - Air - Syncro... $17,500
4020 Cab - Nice $9500
4520 - Nice $9800
4320 ROPS - WTS $11,000
4320 ..... $11,500
5010 ..... $6500
(2) 730D - WF - 3 Pt $3700
620 ..... $2500
2020D $5500
820 - 2 Cylinder $2900
720 Gas $2500
401B - 1975 w/Winch - Nice. $6750
(2) JD 830 - 2 cyl. $4500

CASE

1370 - 20.8x38's $9950
1070 Cab - PS $7800
930CK - Cab - Nice $6900
830 CK $3500
VAC - Nice $1450
1030 ..... $4900
580 CK w/Loader & 3 pt. ... $6950
1212 - Powershift $6900

LONG

310 - New $6900
310C - New $6900
360 ..... $4800
560 4 WD $5350
610 4 WD - New $11,900
560 4 WD ..... Coming In

MASSEY FERGUSON TRACTORS

1105 ..... $8800
175D - Nice $6900
1130 ..... $6500
135 - Nice $4500
180 - Gas $4850

"10" 4 WHEEL DRIVE TRACTORS From 30 HP to 225 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice $19,500
White 4-180 - Cab - Air - 3 pt - PTO - Nice $16,500
IH 4166 - Cab - Air - 3 pt - PTO - Nice $12,950
Long 610 - New - Rollbar.. $11,900
Long 560 - 3 pt & PTO - Spider $5,350
MF 210 - Demo - Like New .. $6250
MM G1000 Vista - 3 pt & PTO $5950
Long 560 - 3 pt & PTO $3950
MM G706 - LPG - Nice $3950
Oliver 1800D - 3 pt & PTO .. $4950

ALLIS CHALMERS

(2) D21 w/Cab - Nice $7500
220 ..... $7950
WD w/Picker $2500
(3) G w/Asst. Tools $2000

OLIVER

1855 - Cab - 1700 Hrs..... $9800
2150 - Fender Tanks - New Paint $6500
1650 - Nice $4950
Super 88D $1375
70 w/loader $875

FORD

2000 w/Mower $3900
9600 DP - Wts $8900
NAA $2750
8N $1975
600 ..... $2750

TRACTORS - MECHANICS SPECIALS

Oliver 1800D $3000
Farmall 806D $3950
(3) Farmall 706 .... $3250 - $3750
JD R $1600
JD 4020D $5750
MF 35 w/Loader $2500
IH 656 D Hydro - WF $3900
JD 3020D $3950
Oliver 1750 ..... $3900

DUMPS - FARM

1974 Ford Louisville 18' Omaha Dump w/Cattle Racks Diesel $13,950
68 Dodge Diesel w/16' Dump ... $5950

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429-329-843-863
JD 643-443-343-434-334-313-335-243
AC 630-430-330
Oliver 703N-541-531
MF 63-43-33-421-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30 - 4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

TILLAGE TOOLS

8' Cultimulcher
(2) 10' Cultimulcher
(3) 12' Cultimulcher
14' Cultimulcher
16' Cultimulcher
1X - 3X AC Plows
1X - 2X - 3X Ford Plows
MF 5X Reset
1X - 2X - 4X - 5X - 6X - JD Plows
JD 4X Reset
Oliver 3X Rollover
IH 2X Rollover
1X - 2X - 3X - 4X - 5X - 7X - IH Plows
IH 5X - 6X Resets
MH 1X Plow
(30) 1X - 2X - 4X Cultivators
(30) Disc's - All Kinds & Sizes
7' - 9' - 11' - 15' - 19' Chisel Plows
3 pt. & Pull Type Field Cultivators
2X - 4X - 6X Rotary Hoes
Howard 84" & 100" Rotovators
Long 55" Rotovator
Lely 13' Roterra

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
4x30 Corn Head

CABS (ON STOCK)

New Cabs To Fit: MF 275 - 285 - 1150 - 1085 - 1105 - 1135 - 1155, Ford 5000 - 7000 - 8000 - 9000 - 8600 - 9600, Case 930 - 1030, Gleaner E Combine
Used Cabs to Fit: IH 06 - 56, 66 Gleaner A-E-CII Combines, IH 203-303-403 Combines, Case 960 Combines; NI 701 Uni Cab
New Cooler Units $500
Lots of Roll Bars .. Call

WAGONS

New 6 Ton Gear . $450
New 8 Ton Gear . $575
New 10 Ton Gear $675
New 11 Ton Tandem Gear $975
New 12 Ton Gear $975
New Bale Bodies $495
EZ 16' 3 Beater Box Only - Roof $2500
Lamco 16' 3 Beater Box Only - Roof .. 2350
(2) JD 216 - 3 Beater - Roof w/Gear ... $2250
JD 214 - 2 Beater $1850
New 16' Feeder Box $585
Feeder Wagon Complete - Used. $575

SHOES ★ SHOES
Mostly Ladies, A Lot Of Childrens, Some Mens
6 Pairs for $24.95
Special Prices By 1000 Pair Lots $1.00 Per Pair If You Take All

1980 CHEVY DIESEL PICKUP

30,000 Miles, Silverado, Air, Power Windows & Door Locks, Tilt Wheel, All Options - 30 In All
$7495.00
CHOICE of 3 TRUCKS - ALL NICE

COMBINES

JD 4400 - Nice - Rotary Screen .. $15,900
JD 7700 D - Fire Damage $9500
JD 55 SB - sharp $8900
Case 660 - Nice $4500
IH 82 Pull Type $3500
JD 40 ..... $2000
IH 203 ..... $2000
AC CII $2500
AC AII $2000
Case 960 ..... $2000
IH 303 ..... $2000
JD 45 EB - Nice $6900

HARVESTING EQUIPMENT

NI 325 12 Roll Picker (Late)... $6500
NI 324 12 Roll Picker $4950
NI 325 w/Sheller $3800
NI 325 8 Roll Picker $4900
NI 319 12 Roll Picker $3000
NI 311 w/Sheller $1650
NI 323 1 Row .. $3250
Extra 12 Roll Beds Call
AC WD45 w/Ford 2X Mtd $2500
IH M w/NI 2X Mtd. (319)..... $3950
Shellers & Grinder Attach ..... Call
(2) MM 1200 Sheller . $3800-$4500
JD #6 Sheller .. $1850
(3) NH Super 717 Base Choppers $1750
NH 707 1X $1650
(2) JD 38 Base Chopper $750
IH 555 Base Chopper $750
Gehl 300 Base Chopper $750
AC 720 Base Chopper $750
JD 25 1X 3 Pt. Demo $2500
JD 35 Base Chopper $1250
IH 720 Base Chopper $3950
1X - 2X - 3X Heads to Fit Most Choppers
Pickup Heads to Fit Most Choppers
Direct Cut Heads to Fit Most Choppers
Snapper Heads to Fit NH 1X and Fox 2X - 3X
Used 4'-5'-6'-7'-8' Rotary & Flail Mowers
Brady 4X Stalk Cutter.. . . $1350
Gehl 72 Flail Chopper $1875
Flail Head For Fox

HAY EQUIPMENT

NH 68 Baler $850
NH 479 Haybine $2950
Hesston PT10 Haybine $950
(6) Sickle Bar Mowers..... Call
NH 258 Rake .. $1250
JD Rake (late).. $1350
Case Baler $695
NI Rake..... $250
NH Mow Conveyor - New $350
Mayrath 32' Elevator $895
Zimmerman 32' Elevator $1175
Hesston 10W Stack Movers ... $650-$850
JD 200 Stack Mover $2500
Hesston 30 Stack Mover $2500
IH 27 Baler. ... $695

NEW EQUIPMENT SPECIALS

6' 3 pt. Stone Rakes $495
8' 3 Pt Stone Rakes $595
6' 3 pt Scraper Blades $245
7' 3 pt Scraper Blades. ... $295
8' 3 pt Scraper Blades $395 & $795
Landscape Boxes ... $450& up
6'6" 3 pt Disc's $500
Spike Harrows $500-$600
3 pt Fert Seeders $395
Round Bale Feeders $145
3 pt Boom Poles $49
3 pt P T O Wood Saws $875
3 pt 9 P H. Digger $495
1200 Bushel Corn Cribs $795
165 Bu Gravity Boxes $475
210 Bu Gravity Boxes $545
5 3 pt Rotary Mower $495
5 Pull Rotary Mower. $695
6' 3 pt Rotary Mower $695
6' Pull Rotary Mower $795

MISC. EQUIPMENT

NH 354 Mill ... $3850
NH 352 Mill ... $1975
Gehl Mill $1500
Hammermills ... $295
NH Table Blower $395
Farmhand Blurr Mill $1250
P.T.O. Manure Pump $3500
Corn Drags..... $400
Belt Elevators ... Call
4' to 10' Snow Plows ..... Call
Danuser P.H. Diggers.... $695 & up
Case Lime Drill.. $495
Oliver 2X Potato Digger..... $975
1X Potato Plows .. Call

WANTED

FARM TRACTORS - CRAWLERS - COMBINES - MACHINERY FOR OUR SALVAGE YARD

PLANTING EQUIPMENT

JD FBB 17 Drill
IH #10 16 Drill
IH 21DD Drill
JD - IH - Ferg - 2X Cornplanters
Ford - IH - AC - JD - 4X Cornplanters
JD - AC - 6X Cornplanters
JD 8X Cornplanter

MANURE SPREADERS

NH 676 Tandem $2850
(4) IH Cub
NH PTO - Nice
NI 14A - Nice
NI 18
(3) JD N
(3) NI P.T O.

DUALS - 25 SET ON STOCK ALL KINDS & SIZES - CALL

LOADERS

JD 46 Off 4020. $1000
JD 48 Off 4020. $1200
JD 148 Off 3010..... $1500
JD 45 Off A..... $450
Freeman Off DB 990..... $1200
Davis Off MF 35 $1200
IH 2350 Off 1066..... $1900
Drott Off IH 340 Crawler..... $900

SKID STEER LOADERS

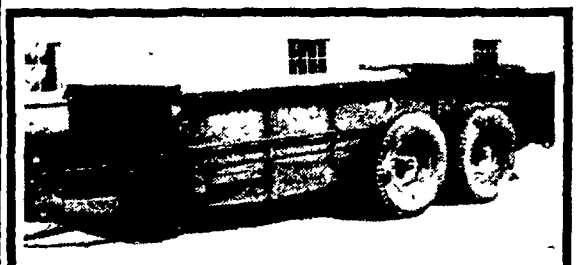
Case 1740 Diesel..... $5800
Case 1816 - 400 Hours $3500
Case 1845D... $8500
Melroe 731D .. $7500

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

AC 7045 Tractor
AC 7000 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 170 Gas Tractor
Amco F17 10½' Disc Harrow, like new
NI 213 Manure Spreader
NI 767 Super Chopper

ROY H. BUCH INC.
Ephrata
717-859-2441



NI spreader, single beater hyd. endgate $3100
JD 4010 gas, new motor $5500
717-653-4028

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

ANNVILLE BODY CO.
P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

USED EQUIPMENT
1 622 Ford combine w/111 grain head & 3 row wide corn head
1968 5000 Ford 10 speed

NEW EQUIPMENT
21' chisel plow complete. Special price of $6500
6600 Ford tractor fully equipped. Special $17,000

Plott's Ford Tractor
RD 3 Muncy, PA 17756
717-649-5141

"QUALITY LATE MODEL FARM EQUIPMENT"

COMBINES

1977 MF 510 Dsl. Hydro, cab and air, excell., choice of heads
1978 Gleaner KKS2 w/Cab, 13' Grain Platform, Very Nice
1977 JD 4400 Dsl. w/cab & air 400 hrs. like new
1976 JD 4400 Dsl. w/cab, 1000 hrs., like new
1974 JD 4400 Dsl., Cab & Air, Choice of Heads
1975 JD 6600 Dsl., Cab, AC, Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
1981 JD 4420 Dsl. w/cab & air, like new
1978 MF 760 Dsl. hydro, loaded, very nice
1976 JD 3300 Dsl., cab and air, very good; choice of heads
1973 JD 4400 Dsl., cab, choice of heads
1973 JD 4400 gas, AC cab, choice of heads
MF 300 w/cab, choice of heads, very good
MF 35 w/8 ft. platform, Sharp.
JD 55 Square Back w/Cab, 12' Platform & PU reel
MH 80 w/12' Grain Table $950
IH 82 Pull Type w/ PU Reel

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air
AC 7060D Cab, Air, 1550 Hrs.
JD 4430 Dsl. Cab & Air Quad Shift 1976 Model Very Nice
JD 4230 Dsl. Cab & Air Power Shift
JD 4020 Dsl. WF w/RG Cab
JD 2520 Dsl. WFE
JD 3010 Dsl. Very Nice
JD 3010 Gas Row Crop
JD 2020 Dsl.
IH 1466 Dsl. WF
IH 1456 Dsl. WF & Cab
IH 1066, AC & Cab
IH 86 Hydro 930 hrs. Very Good
IH 460 Tricycle Good Rubber
IH 450
Oliver 2255, Cab, Cat. Dsl.
Oliver 1850 Dsl. WF
Gehl 2600 Skid Steer Loader, 310 hrs.
Ford 5000 Dsl. Very Nice

BALERS

JD 346 Twine w/Thrower
NH 275 w/Thrower, Very Nice
NH 278 w/Thrower, Like New
IH 2400 Round Baler, Like New

CORN HEADS

MF 24, 43
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 443, 444, 643
IHC 843

FORAGE HARVESTERS

NH 770, 2 RN C.H. and PU
Hay Pickups to fit NH 717, 770, 818, 880, 890, 892

DISCS

JD 11'2" & 14' AW Disc
JD BWA 11'2" & 12'6"
JD 18' BW Wing Fold
Case 56 Blade folding wing, dual wheels, like new
Sunflower 17' Hyd. center fold, very good
JD 11' RWA Transport

HEAVY DUTY DISCS

Athens Rhino 11' Flex like new
IHC 760 12' Offset, excellent
IH 500 12', very good cond.

MISCELLANEOUS EQUIPMENT

IH 810 15' Grain Platform Pickup Reel
Hesston 1010 Hydro Swing Mower Conditioner.
Artsway 320 Grinder-Mixer
NH 6 Ton Wagon Gears w/Adj. Hitch $575
JD 148 Loader, Indep. Control Valves
JD 146 Loader, Indep. Control Valves
JD 640 Rak(SOLD) Rubber Mounted
20' Speed King Wheel Harrow
IH 18.38 Rr. Axle Duals
JD 300 Picker, exc. 2 or 3R Heads Avail.
NI Wide or Narrow 2R Corn Pickers
IH 2350 Mount-O-Matic Loader
NI 324 2 Row Wide Picker w/Super Sheller, Like New
JD 13' Mulch Tiller, chisel plow, very nice
JD late model 21 double disc grain drill w/grass and attach.
JD running gear w/hoist & grain body

BALER TWINE
9,000 ft.
$21.00 Per Bale

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

SUMMER Clearance

★ FAHR HAY TEDDERS ★

NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW 24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257	SALE	$ 7,000
LITTLE GIANT ELEVATOR 42' w/PTO drive	SALE	$ 2,550
NEW CENTURY 300 GALLON SPRAYER 35' boom, hyd. cent. pump, list $2586	SALE	$ 2,380
FIDELITY 35 KW ALTERNATOR with trailer and PTO, list $4295	SALE	$ 3,550
RENTAL TYE NO TILL DRILL WITH TRANSPORT hydraulic hose ... Avail. For Rental	SALE	$ 4,500
UEBLER 790 ELECTRIC FORAGE FEEDER with batteries, list $3860	SALE	$ 3,300
VICON 620 HAY RAKE 4 Wheel, 3 Pt., list $1100	Was $900 SALE	$ 750
VICON H820 HAY RAKE 5 Wheel, 3 Pt., list $1375	Was $950 SALE	$ 1,000

• John Blue Sprayers In Stock!
• Farm Bilt Bale Wagons In Stock!
• Athens Model 76 Double Offset 11'8 In Stock!

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Ask About Cash Rebates

On Loaders, Tillage, Hay & Other Equipment

DEMO IH 501 DISK HARROW - 12'5" 26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd cyl hoses & fittings, set up, list $8031	SALE	$ 6,225
DEMO IH 350 VIBRA-TINE HARROW 18' folding, 3 pt hitch, less cyl , list $2150	SALE	$ 1,250
IH 315 20' PACKER MULCHER HYD. FOLDING Hyd transport cyl , front scrapers, leveling bar, A&H, list $9312	SALE	$ 7,900
NEW IH 5000 SELF PROPELLED WINDROWER DIESEL Cab w/AC, 16.5Lx16 1 6 plys, 6.70x15" 4 plys, counterbalance weight, 12' single auger header, bottom plate, tall crop divider, skid shoes, gauge wheels, A&H	Call For Price	
IH 482 CUB CADET 11 HP 4 Speed, single cyl , Briggs & Stratton, hand lift, 44" mower FREE	ONE ONLY...$2495	
IH 786 Diesel w/o ROPS, 18x4x34 Tires	SALE	$19,800
IH 786 w/ROPS 16 9x38 Tires (Dem SOLD	Call for Price!	
IH 584 Utility with 2250 Loader	Call For Price	
IH 2250 & 2450 Loaders	Available At Old Price	
IH 4140 Diesel Skid Loader Demo Too Cheap to Advertise	Call For Price!	

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS 22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE!** NEW!

• IH 3 pt. 181 Rotary Hoe In Stock!
• IH 4 & 6 Row 183 Cultivators In Stock!

NEW IH 600 BLOWER — IN STOCK, READY FOR DELIVERY

ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

We're An "XL" Dealer!

FARM EQUIPMENT FARM EQUIPMENT

USED TRACTOR SPECIALS

Case 830 65 H.P. Dsl.	$6750
JD 4020 Dsl. WF	$9000
JD 2840 w/cab, air, 900 hrs.	$16,500
JD 6030 w/cab, air	$17,500
JD 4430 cab, air, QR	$19,750

USED EQUIPMENT

JD 7700 combine
JD 443 CH
(2) JD 444 Corn Hds
(2) JD 643 CH 1 Sold
JD 15' Quick Tach
JD 15x7 Van Brunt Drill SOLD
MM 10' Wheel Disc
AC 3300 14'6" Disc
JD KBA 10' Disc
JD 230 Disc 21'
Sunflower 24' Disc
JD 1450 6B Plow
JD F145 5-16 Plow
IH 4-14 Pull Plow
JD 24T Baler
JD 25 Forage Harv.
Woods 7½" PT Mow.
Brillion 12' Mower
Bush Hog 15' Bat Wing
JD RG4 Cult.
JD 965 Rn. Gear
Davis 20x4 Trencher
JD 46A Loader
Gehl 72 Chopper

CORN PLANTERS

AC 2R w/fert.
Waiver avail. until April 1983
Used Planter
JD 494
JD 494A w/fert.
JD 1240 Plateless
IH 56 6R w/Fert.
IH 500 6R
JD 7000 6R Fert
JD 12RN Tool Bar
JD 7100 12 RN
New Planter
(2) JD 7000 6RN Consv.
JD 7000 12 RN Ft. Fld.

We also have for rent a Tye 160" no-till drill for no-till soybeans as well as no-till small grains.

CFH
Box 6 Cecilton Md
301 648-5416
755-6608
275-2195
CFH, INC
Evenings Call Gary 301 885-2248

FARM EQUIPMENT FARM EQUIPMENT

NEW TRACTORS

JD 750
JD 1050
JD 2440
JD 2940
JD 125 Ski Steer Loaders, Dsl. & Gas
JD 125 Skid Steer Loader Gas $12,500
JD 90 Skid Steer Loaders

NEW MACHINERY

JD 445 Spreaders N/T	$3975
JD 235 19' Disc	
JD 1209 Mower Conditioner	
JD 2700 5x18 Plow	
JD 1250 Plow 3x16	$1800 N/T
JD 1250 Plow 4x16	$2450.95
JD 7000 Conservation Corn Planters 4R & 6R	
JD 16x10 FF Drill	
JD 327 Baler w/ejector	

USED MACHINERY

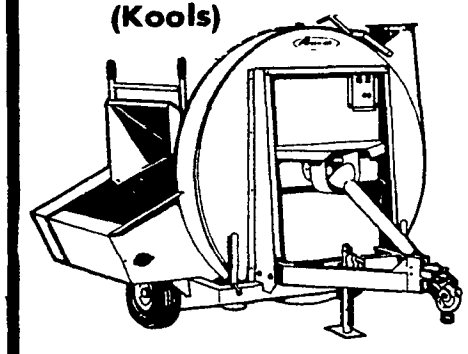
JD 6600 Side Hill Combine w/15' platform 1978 model	$45,000
1-JD 55 Combine, 235 C.H. and 12' Platform	$8500
1974 IH 100 Hydro Tractor Motor overhauled March 1981	
AC 6080 Dsl. Tractor, 239 hrs., like new	$19,995
IHC 1066 Diesel Tractor w/cab, air, & heater	$15,000
IH 656 Tractor	$6500
JD 145 Plow, 5B 16"	$1800
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine	
JD 800 SP Windrower	$3500
JD 150 Power Till Seeder	$4500
FH10 Hesston Stacker and Mover	$5995

WALTER'S SALES & SERVICE, INC.
RD2 Box 49
Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Summer Special...

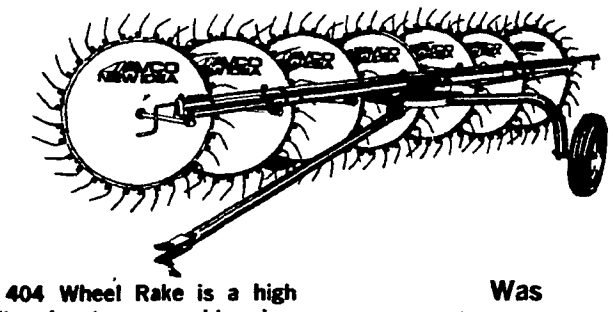
NEW IDEA MODEL 621 FORAGE BLOWER (Kools)



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before. It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple...

SUMMER SPECIAL $1,700

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL $1050

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

M & R EQUIPMENT, INC.

NEW PARK, PA
Ph: 717-993-2511 - 717-246-1972
(After 6 P.M. Call: 301-452-8693) Residence
United Parcel Servic

PRICE

SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER
12.9% FINANCING ON ALL NEW TRACTORS, COMBINES AND TILLAGE! OR CASH REBATES
WAIVER OF FINANCE ALSO AVAILABLE ON ALL IH EQUIPMENT!

NEW HOLLAND
FREE FINANCE ON HAY AND FORAGE UNTIL 1-1-83! OR 5% CASH BACK!
FREE FINANCE ON ALL SKID LOADERS, MILLS, AND SPREADERS until 9-1-82

NEW EQUIPMENT IN STOCK

IH
3688 tractor
2 - IH #15 throwers
475 wing disc, 18'7"
1420 combine
1440 combine
5088 tractor
800 planters
435 baler
550 spreader
800 planters, air
IH 730 plow vary width 4 btm.
5100 drill 16x7 plain, 21x7, w/depth press wheels
2250 loaders
810 header
820 header
944 corn head
13' 5500 chisels
183 4-R cultivator
720 plow 5x20" - auto. reset

NEW HOLLAND
311 baler
315 baler
#70 & 75 throwers
489 haybines
851 round balers
425 skid loader
L-35 skid loader
718 chopper
782 chopper
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
363 spreader
474 haybine

WE RENT SKID LOADERS

NEW HOLLAND SPECIAL
#30 BLOWER
$2250 A Real Deal!

JUST TRADED!
GOOD USED COMBINE -
IH 303, Nice
JD 55 w/Cab
IH 990 HAYBINE Good Condition
ALSO NH #36 CHOPPER, Nice

SPECIAL
Used JD 2040 Diesel Tractor
1600 hrs. partial overhaul w/hyd. loader
Call For Price

SPECIAL
NH IH 435 baler w/thrower $7800
Waiver of finance until 1-1-83

"THINKING COMBINE?? REMEMBER - IH AXIAL FLOW HAS WON MORE ENGINEERING AWARDS THAN ANY OTHER COMBINE. AXIAL - FLOW CAN PAY IT'S WAY WITH LESS FIELD LOSS, MORE GRAIN IN THE BIN PLUS THE GREATEST HEADERS IN THE INDUSTRY! WE HAVE A 1420 AND 1440 IN STOCK"

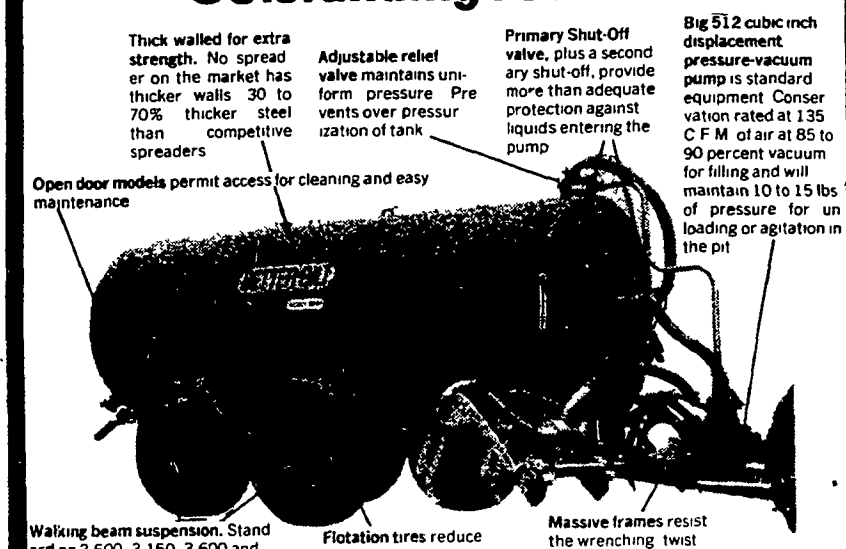
USED EQUIPMENT

IH 3388 2+2 low hrs.
John Blue - truck mtd. dry fertilizer spreader. Excellent Cond 8 ton
IH 303 Combine, both heads, cab, very good shape
JD 55 combine, cab, available both heads - $6500 Waiver Available
IH 2400 Ind. tractor diesel, 6-way hyd blade
Farmall Super C
JD 2510 gas tractor overhauled
NH 10 ft trailing fert. spreader, very good cond.
NI 224 Manure Spreader, hyd. endgate w/cyl
NH #36 Flail Chopper, very good
IH 990 Mower Conditioner 9' good
IH 1150 grinder mixer
IH 440 baler w/thrower, nice, hyd bale tension
IH 449 4R planter - nice
MF 4R planter - 50 acres $1500
JD F88 grain drill - 13x7 - nice
IH 550 plow 5x16
IH 51 forage box w/roof, heavy gear
IH #70 pull type plow 3x16", nice
1250 hydrostatic Cub Cadet
JD 2040D tractor
NH 1002 bale wagon

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
717-626-6198

Outstanding Features


Thick walled for extra strength. No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve, plus a second ary shut-off, provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M of air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension. Standard on 2 600, 3 150 3 600 and 4 600 gallon models (Optional on 1,500 & 2,100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIAL
1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

IH Badger OMC AVCO NEW IDEA

NEW EQUIPMENT

	Reg. Price	SALE PRICE
IHC 2400 Round Baler	$11,465	$7,825
OMC 595 Round Baler (Demo)	11,900	7,120
IHC 425 Sq. Baler w/thrower	9,950	6,218
NI 456 Round Baler	11,500	8,806
IHC #10 3 pt. Round Bale Carrier	350	229
IHC 1190 Mower Conditioner	9,530	6,714

USED EQUIPMENT
Price as is, where is

Tag No.	Item	Reg. Price	SALE PRICE
C6007	IHC 56 Blower	$800	$649
C5808	Fox 280 Blower	800	484
C5339	AC 66 Pull Combine	695	495
C5489	MH 26 SP Combine	595	464
C5123	Oliver 17 Pull Combine	1290	1035
C5273	IHC 205 SP Combine	3900	2517
C5655	NH Clipper Pull Combine	500	250
C5802	IHC 205 SP Combine w/cab	5000	4500
	IHC 1150 Grinder-Mixer	4000	3500
C5987	JD KBA 12' Disc	1000	795
M3449	IH Hydro 84 Tractor, 290 hrs.	15,000	13,900
M3480	Ford 6000 Tractor	2500	1995
C5051	IHC 990 Mower Conditioner	1100	889
C4907	Hesston 1014 Hydro Swing Windrower	2990	1690
M1979	NH 404 Hay Crusher	150	25
C6112	200 gal sprayer	400	300

2% Cash And Carry Discount on All Parts

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NEW HOLLAND Ford Tractors Equipment

BROOKS
FORD TRACTOR, INC.

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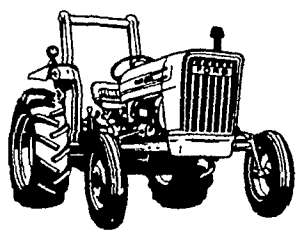

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1981 FORD 3600
(40 H.P.) No Trade — $10,200

1982 Ford 4610 — $13,200

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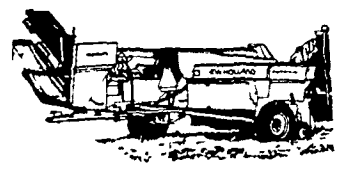
Lease Returns (1) 513
Spreader 2 Beater — $3,000



Model L35 Skid
Steer Loader — $13,500

495 Mower
Conditioner — $9,000

L425 Skid Steer
Loader — $10,500

329 Box Spreader — $2,750

310 Baler — $5,000

GOOD USED EQUIPMENT

Mower Conditioner	NH 460	Forage Harvester	N.H. 782
Mower Conditioner	NH 495	Tank Spreader	Hawk Bilt
Mower Conditioner	NH 479	Crusher	N H. 404
Mower Conditioner	JD 800	Baler	Oliver 60
Flail Chopper	N.H 33	Box Spreader	IH
Flail Chopper	JD 15A		

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Silo & Hammermill. Harvestore silo 14'x40' w/unloader, Racine/Harvey #111 hammermill. Call for details after 8 p.m. 609-737-3157.

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SEE PAGE C4

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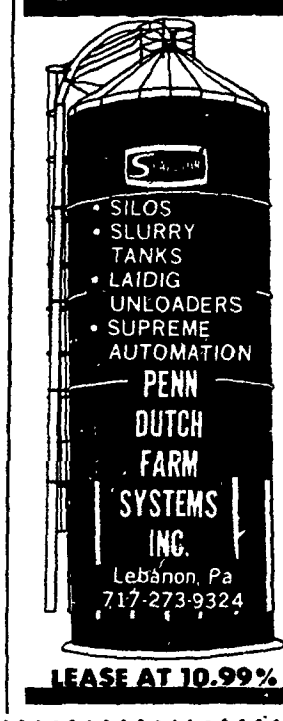

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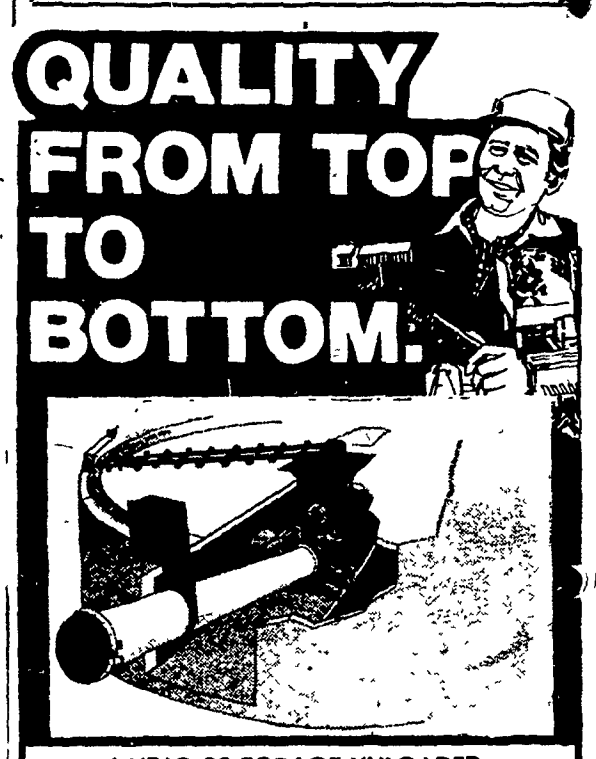

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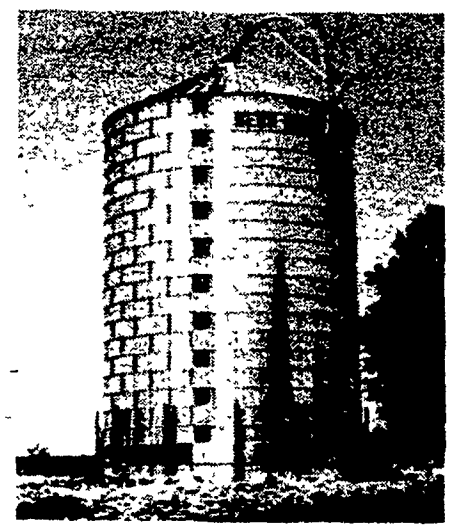

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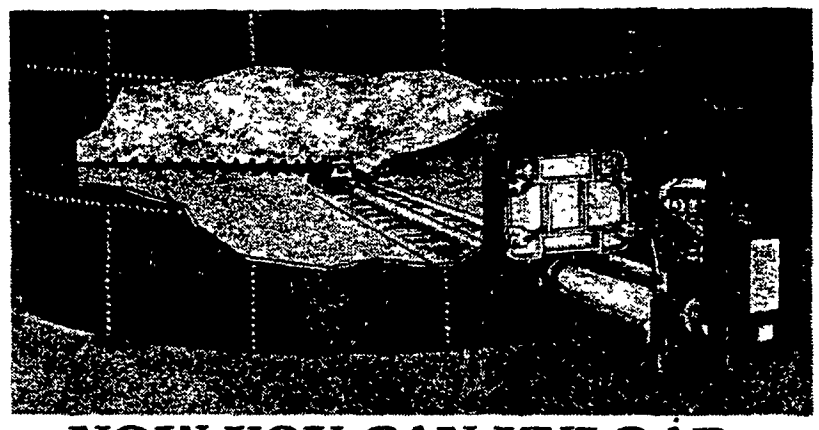

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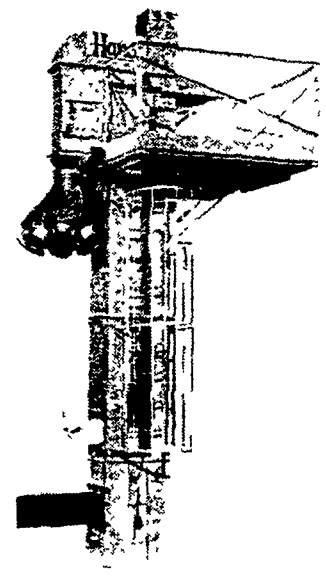

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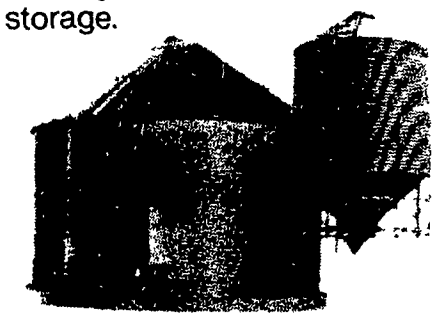

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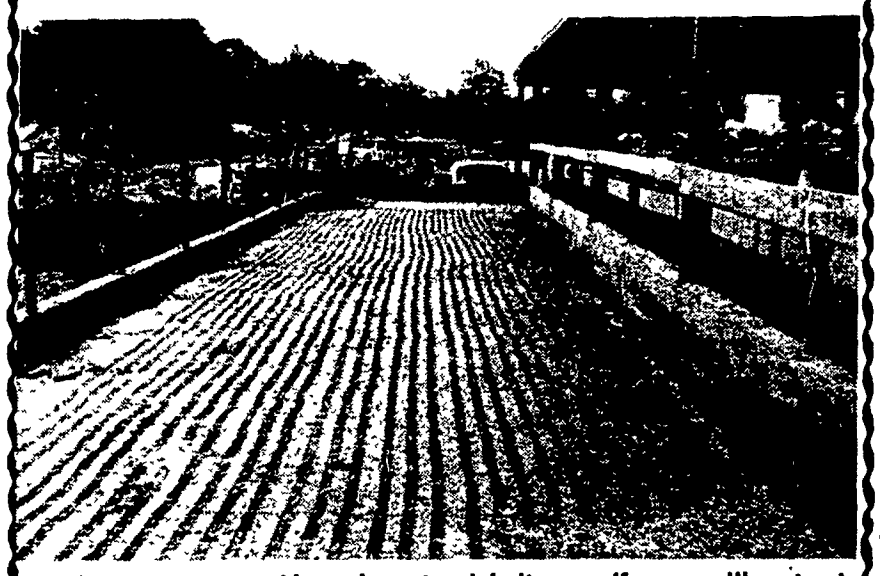

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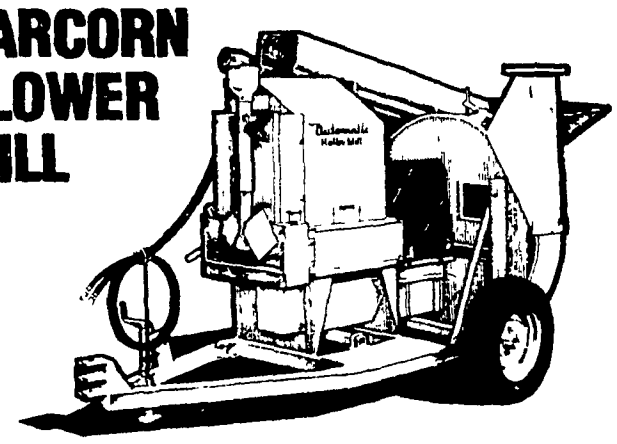

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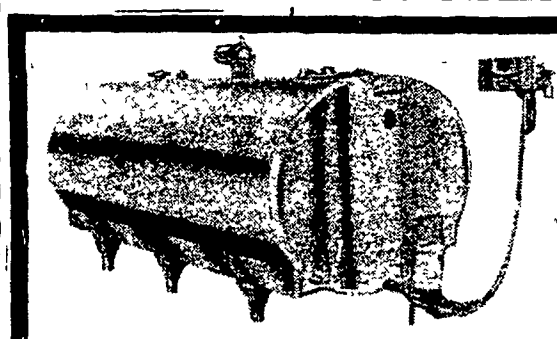

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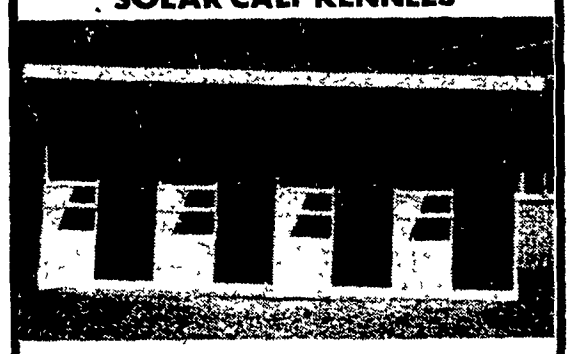

The kennel has 4- 4'x8' individual pens, is on treated skids, hay racks, feed troughs, bucket racks included. We make them any size or color made by order. Also calf shelters for older calves or heifers.

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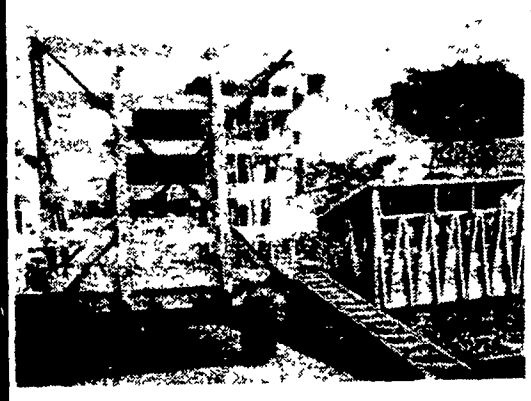

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* Double Chain Wooden Conveyors
* Taper Board Feeders
* Hay Rack Feeders
* 16' & 18' Hay Rack Wagons, open sides, 4 chains with 1 bar
* Calf Hutches, metal roof in 1 piece.

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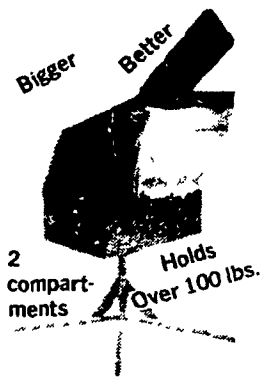

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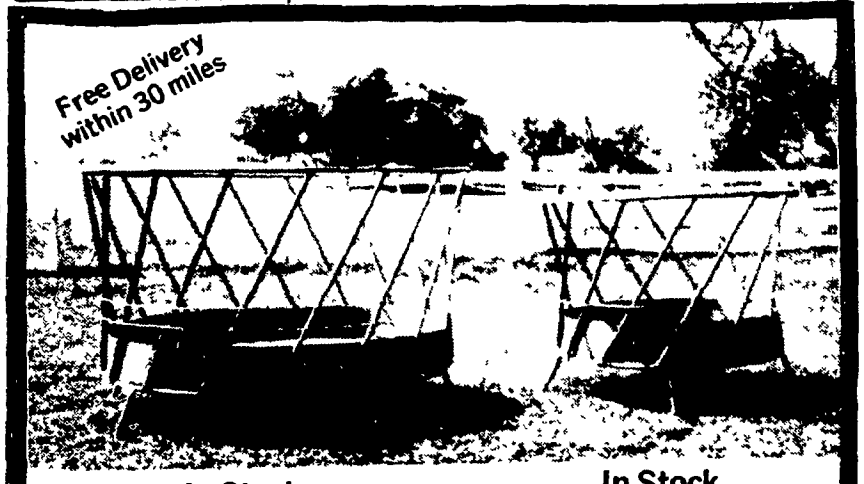

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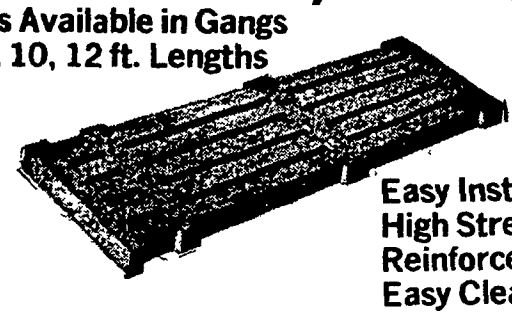

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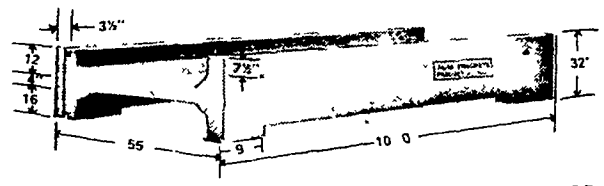

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Load of Canadian heifers and close springers, 4 Red and Whites. 717-354-4374.

Ten registered Holstein heifers nine to eighteen months old Open and bred, good pedigrees, two Elevations, One Legacy $700 to $1000 each $8500 takes all. 201-362-6942.

ABS bred heifers out of dams all over 18,000 lbs 717-547-2387

Reg Angus bull son of Northern Prospector 14, 4 yrs old, reasonably priced Neola Stock Farm 717-992-3801 eves

For Sale - 4 reg Holstein heifers, three close springers 215-295-5319

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Beef Cattle Operation Atlantic City Area, 20 gentle Santa Gertrudis cross cows w/calves - NI big round bale hay making equipment - Summy 4-wheel drive tractors - NH 355 grinder - skid loader - Bush Hog disc plow - Shaver post driver - 9' snowblower - Concrete feed troughs, cattle guards - rugged stock trailer - side dump silage wagon - storage containers 8x8x20' - 200 bales hay ave. 1200 lb., all equipment like new condition, 609-927-4564

For Sale - Quality Charolais-Hereford breeding bull 1200 lbs 717-567-3355.

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For Sale - 9 bred Holstein heifers, 1 reg, 3 ID grade, and 5 grade Due Aug-Sept 215-682-2668 Berks Co

Small herd of Holstein cows 301-578-9868

Elevation son born 12 1 81 Dam 85 pt Ivanhoe Star dau 24,300m 850F 215-486-0460 after 7 00 P M

Milking Shorthorn bull, 7 months old, Dam Canadian Dual Purpose Sire 1980 Sire of the Year Huntingdon Co 814-643-4750

Wanted to export-open and springing Holstein heifers, reg. and grade, cash paid immediately 301-578-9868

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Registered gentle Jersey heifer bred to Mills Emperor son. Freshen end June. Blood and TB tested. 717-865-5957

Registered Polled Herefords sired by National Champions and leading sires in the 1982 sire summary. Such as Vindicator, 75J, Hurrah, RWJ Perfect 849-326, and RWJ Victor, J3-168. Our 1981 calf crop average 104.4 maternal EBV, 100% AI, mostly on first service. Your inspection invited. Prices Polled Herefords, Fulton Co., 717-987-3395 evenings.

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1 reg. Holstein bred heifer due in August, good size, sired by Straight Pine Elevation Pete; 1 outstanding reg. Holstein bull for sale, sire-Sweet Haven Tradition, dam-good records and good butterfat tests. 215-593-6577

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25 Hol. heifers start calve in July. Last of dairy herd sold in 1980. Been breeding art 31 years 301-666-0079 before 8 A M.

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Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

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Beautiful Reg. Haflinger stallion, champion bloodlines. Also 4 wheel show buggy and sulky cart for pony in ex. cond. Ted Flowers complete parade outfit in ex. cond. 814-445-6358

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WANTED DEAD OR ALIVE! Old high cantle heavy work saddle, saddles. Good condition or repairable. 717-752-7005 around 9 P.M.

Buggy, surrey, delivery wagon, Pheaton Rock-away, pony stage coach, racing sulky, cutter sleigh, pony studebaker surry. 301-777-4529.

2 yr. old registered Quarter horse, green broken, needs experienced rider. 717-752-5772.

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Seven year old Tennessee walking mare in foal $1200. 9 yr. old walker gelding, good trail horse, $1000. 215-267-7311.

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Matched Pair Standardbred Bay Driving Horses
Mare - 7 yrs.
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For Sale - Suffolk lambs, ewes and rams. Call Annville, Lebanon Co. 717-867-1470

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Nubian dairy goats $100, Freshened April. Call 215-493-8576, Washington Crossing, PA

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3 yr. registered Nubian billy goat, $100, kid billy, $40. Bedford 814-847-2826.

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Yorkshire Boars and open gilts, breeding age and younger. Miller Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225-1926.

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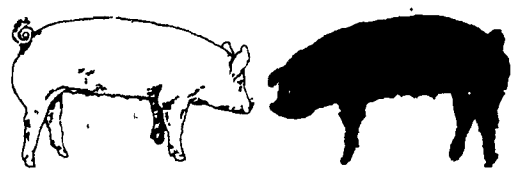
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AgStar 6 crate sow castle, built in pit, everything in good shape. $6000 or best offer. 717-235-2975

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Hog equipment - feeders, little and big, water bowls, gas heat brooders for little pigs, feed system for market hogs, two 4 ton bins, one 10 ton bin w/auger, all new condition. 717-364-5628

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Cargill isolets, complete w/flooring fencing & heater. Ready for immediate farrowing. 717-872-8505.

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For Sale - Sex - Sal yearlings $1.00. Amos E Fisher, 2687 South Cherry Lane, Ronks, PA

POULTRY & SUPPLIES

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For Sale - This year's half ton round bales mixed timothy clover. Call 814-355-8315 after 7 P.M.

Corn silage for sale, $20 per ton. Call 301-658-5373 before 7 p.m

For Sale - New oats, clean and heavy, approx. 4000 bu. $2.10 delivered 60 mi. radius, 215-942-2271.

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For Sale - Very nice clover hay. Adams Co. Call before 8 A.M 717-624-7674.

For Sale - high moisture corn, corn silage and alfalfa haylage 717-386-5696.

High moisture corn for sale out of Harvestore 717-838-4600.

For Sale - High moisture shelled corn out of Harvestore. Lancaster County. Trucking can be arranged. 717-872-5620.

FEED & SEED

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Guaranteed vitamin and mineral package, helps prevent pinkeye, foot rot, and ringworm. Wholesale, retail from manufacturer, dealer inquires invited. Call collect 301-343-0343

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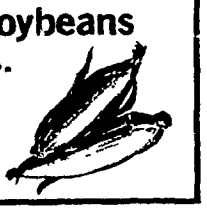
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Person w/management ability for registered Holstein herd. House, utilities etc. References required 717-464-3752

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Working Farm Manager - 140 acres with beef cattle and horses, Baltimore Co., MD, pleasant surroundings, salary negotiable based on experience, must be knowledgeable of farm equipment, stone tenant house with all utilities plus fringe benefits. Send resume and references to PO Box 366 A-41, c/o Lancaster Farming, Lititz, PA 17543.

Looking for married help to take care of 90 cows and 250 acres, experienced and references necessary. 717-284-4307.

Experienced person for modern laying hen operation. House available. Write to Lancaster Farming, P.O. Box 366-K-53, Lititz, PA 17543.

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Responsible self motivated person to care for progressive 100 cow beef herd often in owners absence & to work in general farming operation Must be knowledgeable about cattle, farm and building maintenance. House & electricity provided. Kent Co. MD 301-648-5105.

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Young married farmer with 8 years experience in most phases of farming and machinery repairs seeking a long term position on farm. Have excellent references. Please call 215-383-0998

For Rent - 74 stall dairy barn with pipeline, silo, and pasture, house available. 717-529-2379, 529-2058

Young couple with 70 cows needs to rent dairy farm with or without land for spring '83. 215-689-9082

Young Christian couple with small herd desires to lease or lease purchase dairy farm for spring 1983. Call 717-442-8634

Married experienced herdsperson w/10 years experience working w/cows, with place to live. Have two children. Linda Claar, RD4, Box 288, Tyrone, PA 16686

Evangelical, Reformed Minister seeks rural pastorate in Eastern half of PA. Currently serving a New England parish. Credentials with the Conservative Congregational Christian Conference. Rev. S. Dennis Kletzing, Box 55, Bridport, VT 05734.

Young Christian couple seeks employment on dairy farm. Lancaster/Lebanon County area. 717-949-3753.

Experienced cow man, 37, 3 children wants to take care of records, breeding, herd health, Virginia or West Virginia preferred, would consider other areas. 5 yrs. as AI technician, 3 yrs. as herdsman on 130 cow dairy. Write Lancaster Farming, P.O. Box 366 J-243 Lititz, Pa. 17543.

Reliable married man looking for job on dairy or beef farm, experienced in all types farm work and milking, needs home, good wages and benefits 215-588-6524.

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For Pa., MD, NJ and VA. Must be dairy or beef farmer or have 10 years experience in ag related business i.e. silos, nutrition, feed, etc.
Established market, will furnish leads and sales help.
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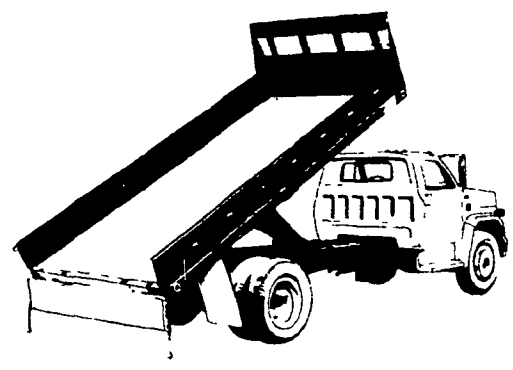
TRUCKS & TRAILERS

Contractor Bodies by OMAHA STANDARD



Rugged, all-steel 14" sides and 96" wide platforms. Available with 28", 40" and 52" high heavy duty steel bulkheads with full width steel mesh windows. Standard three-way express tailgate or optional double-acting tailgate with forward controls. Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance. These tough, field-proven units, teamed with job-matched Omaha Standard hoists, are total working units, superior to any on the market.

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RD 4, East Farmersville Road
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Located in the Village of Farmersville, Lancaster County
717-354-4271
Omaha Standard

TRUCKS & TRAILERS

1981 blue Chev. C-30, 4 spd., low mileage. 12' stake body. $7600. 717-667-3921

Flatbed trailers designed for mini trucks, 5' wide x 10' long with choice of gooseneck or bumper hitches. 717-667-3921

1981 red Hillsboro 7'x20' gooseneck livestock trailer. 717-667-3921

1 of a kind 1978 Ford LN 800. 477 V8 ps, airbrakes, 11.00x20 tires. 156" ca custom cab, 35,000 gvw 77,000 original miles. Truck is like new. 301-877-9889

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For Sale - 2 1976 White Road Bosses, 1 350 Cummings, wetline, Jake, 1969 Parker 29' dump trailer. 1-318 Detroit wetline, Jake, 1974 Morgan dump trailer. Both ready to work. Phone 717-323-4903 Lycoming Co.

For Sale - '76 Chev. C65 Cheyenne, 5 speed, 18' van body with elec. tailgate, can be bought without body. 717-569-4068, 9-9

354 automotive 6 cyl Perkins engine with trans., GM 478 diesel, $1025; 14' stone dump body, $425; Hatz diesel, 8 hp. elec. start, $580; 4 cyl. gas driven CP 125 air compressor, needs work. 717-866-2091

For Sale - Truck mounted Oswalt 650 cubic foot manure spreader, ideal for poultry manure, slurry gate, completely hydraulic. Mounted on 68 Int. tandem axle diesel. Lebanon Co. Ph. 717-933-8622

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TRUCKS & TRAILERS

'69 IH 16' grain body, 30,000 gvw 10.00 x 20 tires, excellent condition. Bucks Co. 215-536-8283

1979 Dodge pickup, 4WD, 360 engine, low mileage, exceptionally clean, many extras, $6800. 215-267-7311

1974 C-50 Chevy 16' stake body, one owner, 4 speed, new engine w/factory warranty, exc. cond., $3,900. 717-859-1255

16'x7' Gooseneck flatbed trailer, 10,000 GVW, electric brakes $1400. 717-774-4615

40'x12'6" Brown van trailer $2,000. 40'x13' Great Dane insulated $3,000. 40' Trailco flat $3,500. 35' Fruehauf flat $1,000. 33' Storage trailer $800. Keens 717-626-5420

STORAGE TRAILERS FOR RENT - Delivered to your sight, economical, 301-771-4529 anytime or 717-354-7006.

1975 Int. truck no bed, tilt cab 146" wheel base, 16108 cargos, 345 motor, 5 spd trans. 10:00x20 tires, bud wheels, clean truck, runs good, 29,000 miles asking $2000. Call 301-734-6979.

C70 Chevrolet w/16' grain dump body, 427 engine, 5 speed, 2 speed, PS, air brakes. C70 tandem w/17' dump body, 210 Cat engine, 13 sp., PS, air brakes, 12,000 lb. front axle, 38,000 rear axle. 717-234-0181.

1968 Loadstar 1800 IH cab over truck, 30,000 gross, 5 speed trans., 2 speed rear, 18' Harsh hydraulic dump body, steel sides 85,000 miles, excellent condition. Ideal for grain and general farm use, $4,995. 717-548-3355.

1968 GMC 14' flat bed dump, 5 spd 21,000 gross, V-6. asking $2100 717-733-6077.

1974 Garwood packer body model 925, 25 yd., exc. condition, interchangeable with Hiel, delivery available, $5000. 914-941-2970.

42' drop deck flat trailer, 10.00x20 rubber, $4500. 814-848-9753.

22' long Parker alum. tandem dump trailer, 30' flatbed tandem, 22' flatbed hitch trailer, good for hay or equipment. 201-463-0570.

For Sale - 3-10:00-22 recapped truck tires, never on road. 2-$100 each w/out rims, 1-$110 w/rim. 717-653-8786.

1974 IH 1700 truck w/16' aluminum grain box w/Ebro hoist 5 speed, very clean. Call anytime 607-292-3820.

Steel 13'6" flat bed truck body for 20" dual wheels, built-in compartments under side $425. 717-374-0492.

Dump trailer 28' 66" sides, 2 way gate, $8500. 717-235-3079.

1969 Ford F-750 dump truck, power steering, 5+2 trans., $2500
DENNIS M. MILLER EQUIPMENT
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717-469-0937 daily

For Sale - 1973 International feed and grain truck w/dump and RIPCO blower, 14' body, 30,000 GVW, $4800.00, 717-933-8168.

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For Sale - 10' wood livestock body; 21' wood livestock body; 26' alum. livestock body; 18' steel flatbed with tailgate loader. M. H. Eby, Blue Ball 717-354-4971.

TRUCKS & TRAILERS

'78 Int. 1750 w/26' flatbed DT 466 dsl., power steering, low mileage; also, '74 Chev. C60 w/20' rollback body and tow bar. 301-663-6262 or eves. 301-795-9631 ask for Bruce.

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392 V8 engine, 5 speed trans., 2 speed rear axle, 236" wheel base, extremely nice condition, 33,000 original miles, 1,000 miles on new motor.

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½ ton styleside, 300 6 cyl. engine, auto. trans., AM radio, exceptionally clean.

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366 V8 engine, AT540, automatic transmission, aluminum body w/curbside door and roll-up rear door, power steering, radio, new paint.

1977 CHEVROLET 18' to 22' VANS CE67003
366 V8 eng., 5 spd. trans., P.S., tilt hood, radio, 50 gal. tank, 27500# GVW, 1000 x 20 tire. All with O/H rear & curb side doors, some with liftgates, with or without new paint

USED TRACTORS

1975 CHEVROLET Titan 90
Tandem axle diesel sleeper, 318 Detroit engine, 10 speed transmission, PS, AC, with or without new paint.

1977 GMC JC9640
Tandem axle, diesel, conventional cab, Formula 290 Cummins engine, 10 sp. trans., PS, air conditioning, low mileage, new paint.

1977 FORD LN 9000
Single axle diesel, conventional cab, 238 Detroit & Formula 290 Cummins engines, 10 sp. trans., PS, some with AC & Air Shield, new paint.

1977 CHEVROLET TITAN 90 DH9203
Tandem axle diesel sleeper tractors, 8V71 Detroit & Formula 290 Cummmins, 10 spd. trans., w&w/o PS, w&w/o A.C., 10.00x20 or 11x24.5 tires, cast spoke or Budd wheels, sliding 5th wheels, (2) overhauled, with or without new paint.

1977 CHEVERLOT TITAN 90 F1913
Single axle diesel sleeper tractor, 6-71 Detroit engine, 10 spd. trans., P.S., A.C., radio, 10.00x20 tires with or without new paint.

1977 FORD LNT9000
Tandem axle diesel conventional tractors, 8V-71 Detroit or formula 290 Cummins, 10 spd. trans., P.S., A.C. 10.00x20 tires, sliding 5th wheels, with or without new paint.

1978 PETERBILT 352S86
Several to choose from
Tandem axle diesel sleeper, 365 Detroit engine, 9 sp. trans., PS, air cond. disc wheels, radial tires, dual 120 gallon tanks, air shield, new paint.

REFRIGERATED STORAGE TRAILER
1979 Fruehauf 39' tandem FB6-F2-39ST NWD30 Thermo King.

16' ALUMINUM VAN BODY
1977 Morgan, pre-painted white aluminum panels, overhead rear door, curb side door, 10" dock bumper & slated interior w/or/w/out liftgates.

Complete maintenance recrods available for inspecton. Other makes, Models & types to choose from.

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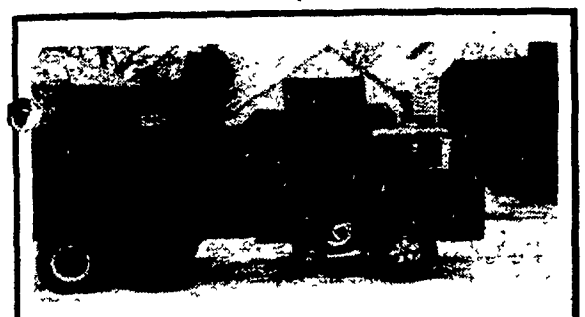
TRUCKS & TRAILERS



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1972 Ford 8000 Series
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Tandem screw. Cat Diesel 225-1160. 22 Ton Hoist, 21 ft. Steel Bed, 13 speed Road Ranger Tires 1100-20 5600-Gross

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See us for details on 5 yrs. or 50,000 miles free warranty.
1976 Jeep Wagoneer, auto, ps, air Special $2895
1981 B-350 Maxi Van 15 Passenger, Like New. Double heat & double air. Special Edition, fully equipped, 8000 mi.
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TRUCKS & TRAILERS

TRUCKS & TRAILERS

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1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles $5995
1980 Chevy C10 Custom, 6 Cyl., 3 Speed, PS, AM-FM & Cassette, 36,000 Miles $5995
1979 Ford F100 Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, Dual Tanks, 28,000 Miles $5995
1979 Ford F250, V8, Auto., PS, PB, AM Radio $5295
1978 Ford Ranger XLT, 351 V8, Auto., PS, PB Air Cond., AM-FM & 8-Track Tape, 2 Tone Paint, White Spoke Wheels, Very Clean $5995
1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint $4895
1977 Chevy C-10, 305, V8 Auto, PS, PB, AM-FM, 37,000 miles $4295
1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint $4995
1977 Int. Scout, 2 Wheel Drive, 304 V8, Auto., PS, PB, AM Radio, Very Clean, Only 30,000 Miles $3995
1974 Dodge D-200 Club Cab, with 11 Ft. Piggy Back Camper, 360 V8, Auto., PS, PB, Air Cond., AM-FM Stereo & Tape, 9,000 GVW, 57,000 Miles, Nice Unit $4995
1974 Ford F100 302 V8, Stick Shift, 68,000 Miles... $2495
1971 Chevy C20, 400 V8, Auto., PS, PB, AM Radio $1495

VANS

1981 Ford E-150 Cargo Van, with Windows, 300 6 Cyl., 4 Speed, Overdrive Trans., PS, PB, AM Radio, 138" Wheel Base, 24,000 Miles $6995
1981 Ford E100 Econoline, 6 Cly., Auto., PS, PB, AM Radio, Dual Tanks $6895
1979 Ford E150, with Paneled & Carpeted Interior, Factory Package, 351 V8, Auto., PS, PB, AM-FM Stereo, White Spoke Wheels, 2 Tone Black and Silver, 27,000 Miles... $6995
1979 Ford E250 12 Pass. Club Wagon, 351 V8, Auto., PS, PB, AM Radio, 26,000 Miles $6995
1978 Chevy ½ Ton Panel Van, 250 CID 6 Cyl., 3 Speed, St. Shift, Gauges, 29,000 Miles..... $4895

DUMP TRUCKS

1977 Chevy C20, Single Wheels, 350 V8, Auto., PS, PB, w/Lift Installed On Bed $5395

4 WHEEL DRIVES

1980 Ford F150 Ranger XLT, Short Bed, Step Side, 302 V8, 4 Speed, PS, PB, AM Radio, Lockout Hubs, Sliding Rear Window 28,000 Miles..... $7495
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1979 Chevy Short Bed, 350 V8, Auto., PS, PB, AM Radio Rust Proofed, White Spoke Wheels, Chrome Rails, All Black..... $6995
1979 Ford 150 Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 35,000 Miles..... $6995
1979 Subaru Brat, 4 Cyl., 4 Speed, AM-FM, Rally Wheels, 1 Owner $5895
1979 Ford Bronco Ranger XLT, 351 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, 2 Tone Maroon & Black w/White Roof $8495
1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean. $6495
1978 Dodge W150, 318 V8, Auto., PS, PB, AM-FM, Western Angle Plow 38,000 miles..... $5695
1978 Chevy Blazer Custom, 350 V8, Auto., PS, PB, AM-FM, 8-Track, White Spoke Wheels, Red with White Roof $5995
1977 Chevy Blazer Cheyenne, 350 V8, Auto., PS, PB, Air Cond., AM-FM, Tilt Steering, Dark Brown Metallic & White 2 Tone $5995
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Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale. Champions at stud. 215-933-3600.

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Australian Shepherds, ASCA registered, 7 wks., blue merles and black, raised on dairy farm, great workers and companions, exc. bloodlines. Hagerstown 301-797-5209

For Sale - Doberman Pinscher puppies, AKC, $100. Harvey Gehman, Ephrata, RD 2 Box 757. Sign along Bethany Road.

AUTOMOBILES

Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking. $1300 negotiable. Call 717-285-3051 or 397-2093

Wanted - Turn that old car into "Cash". Prefer 1900 - 1950 years. Write Box 53, Spring Mills, PA 16875

TRUCKS & TRAILERS

1979 green Ford F-350, auto. trans., 9' stake body, $4500. 717-667-3921

New 12' Gooseneck Grain Trailer with hoist - 2 axle single wheel 5-ton payload. $4685. Hostetler 717-667-3921

Energy Hyd. truck hoist Sales & Service. Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039.

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

2½ ton, 5 sp. high-low range Army trucks. 1 gas, 1 diesel, 9:20 tires, tandem axles, $3400 gas, $4200 diesel. 609-769-3183.

1979 Black 6'x18' Valley gooseneck livestock horse trailer, plywood lined, double floored, tires filled with no-flat, $3500. 717-667-3921

Utility Livestock Trailer with removable top - great for hauling small machinery as well as cattle. $1995.00 Hostetler 717-667-3921

New Dump Hoist for 9' to 12' farm bodies. Complete with pump, hardware and safety prop. Not installed: $785.00 Other sizes available. HOSTETLER 717-667-3921

1973 Int. 2070 lime truck, 290 cummings 10 speed, 14' box and pub trailer, licensed 80,000. 717-865-6710.

Army Trucks - diesel, 5 speed, high-low range, tandem axle, 900:00x20 tires. $4,200. 609-769-3183

'72 FORD GRAIN BODY
34,000 gross weight, Sacrifice $5,500 excellent condition, private owner.
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Bucks County

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PETS

For Sale - Border Collie puppies from good working stock. 215-383-5494

7 Border Collie pups, cute and friendly, 6 wks. old, $20 each Wakefield area. 717-548-2081

For Sale - 6 wk. old purebred Border Collie pups. David K. Stoltzfus, 39 S. Soudersburg Rd., RD 2, Ronks, PA 17572

AKC Registered Blue Eyed Siberian Huskey female 1 year old, best offer, route 30 to Gap 897 north second road left frist road right second lane left. Mose Stoltzfus, Jr.

Puppies Wanted - all breeds for pets, can pick up. 717-442-4259 or write Puppies, 296 S. Vintage Rd., Paradise, PA 17562.

For Sale - AKC Rottweiler pups. David Martin RD1 New Holland, Long Lane Rd.

For Sale - Beautiful reg. Border Collie puppies from imported champion Scottish working bloodlines, finest stock handling and obedience dogs, ready to go. Sheepy Hollow Farm, Walt Jagger, Hop Bottom, PA 717-289-4663.

For Sale — Australian Shepherd pups, stock or watch dogs, reasonable. Elmer Stoltzfus, Gap, PA, 15 mi. east of Lancaster, 1 mi. south of 340 on Millwood Rd.

Fawn GREAT DANE PUPS. Ears cropped, shots, wormed, papers, and pedigree. Bev 717-366-2759.

MISCELLANEOUS

For Sale - Poplar, oak, hemlock and walnut lumber. Locust posts and fence boards. Moyer's Sawmill, Rt. 2 Annville, 717-867-5316

Adventure on Horseback
Weekend or 3 day catered trail rides in Grand Canyon country of beautiful northern Pa. Mt. Trail Horse Center, RD 2 Box 51A, Wellsboro, PA 16901. 717-376-5561

Antique farm wagon with original paint and "The Swab" lettering in excellent condition. 717-768-8679 evenings.

Good used buggy hydraulic brakes, tobacco sprayer to mount on your back, with engine. Aaron S. King 2005 Pioneer Rd., Lancaster, PA 17602

Wanted - Clean glass gallon jugs with lids brought here. Will pay. Also buggy lights rewired. Samuel Stoltzfus, Hedgewood Ave., Ronks.

PETS

A.K.C. Registered English Springer Spaniel puppies, liver and white. 717-742-3739.

A.K.C. Shelties (Miniature Collies) world leading bloodlines where quality is first. Call after six 814-224-4793.

Spotted CATAHOULA LEOPARD PUPS. Excellent guard dogs and good stock dogs, shots and wormed. Bev 717-366-2759.

Jo Jo the Dog Man

My puppy stand at Root's Market will be closed until August 3. Please do not bring any pups to Root's Market. I will buy pups again Aug. 3 and will offer a $100 prize for the cutest pup purchased.

Watch the July 24 & 31 issues for more details.

HOUSEHOLD GOODS

For Sale - Prizer Cook Stove, excellent shape. 215-593-5754.

MISCELLANEOUS

Used stormfront carriage, w/lights, fiberglass shafts. 717-768-8679

Sawdust for sale and calf hutches built. 717-432-2415 or 2883

Rough cut sawmill lumber for sale, order now. 717-374-8965.

1974 Garwood packer body model 925, 25 yd., exc. condition, interchangeable with Hiel, delivery available, $5000. 914-941-2970.

Chinchillas and equipment for sale to start fur business, make offer. Call 703-777-7593.

For Sale - 1 male & 1 female peacock. 717-665-7917 eves. or 665-2288 days.

Liquid chicken manure, we load, you haul. 717-687-6906 after 5 p.m.

Storage in barn, farm equipment or animals, trucks, autos, boats, furniture, trailers, etc. 215-667-5329.

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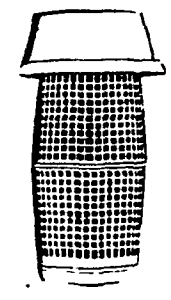

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Specializing in White Oak & White Ash
LAKE LOGGING

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17517
215-267-5309

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

DRUMS & BARRELS - New and used plastic steel and fiber. Fresh, empty wooden barrels for wine & cider. Local and Long distance delivery. Reliable Recyclers, Inc. 114 S. Maple Ave., Leola. PA 717-656-4211

PHASE CONVERTERS RUN 3 PHASE MOTORS ON SINGLE PHASE IN STOCK 1½ TO 10 HP. AND UP ON SPECIAL ORDER. FOR MORE DETAILS PHONE 717-676-4504

Guineas, live, dressed, keets; dog houses; fish worms. 717-687-8041.

For Sale - Fiber drums, liquid and dry, Wiss Acres. Lehigh County 215-298-2057.

Taking orders for new tomato baskets, wooden or plastic bottoms, half bushel baskets also available. Daniel K. Fisher, R1, Box 460, Quarryville, PA 17566

3'x7' steel door and frame $100. 20 HP York Shipley steam boiler. 15 ton air handler. 717-626-2058

For Sale - Rainbow trout live for stocking ponds and streams or cleaned for eating. Will deliver. Phone 717-738-1093

Aluminum cans, glass, non-feerous metals, 717-656-4211

REAL ESTATE

Wanted to lease or lease purchase - dairy farm. Would like to have 60-80 stall barn. We have 40 cows and full line of equipment. Would like to buy more cows. This is a family operation. 717-741-1440.

Upstate New York, Farmland, timber, fruit trees, trails, stream 10 acres, $7000 cash or $1000 down, monthly payments. $83.98, 15 years. Broker owner. 315-942-4824.

Lovely 13.5 acre farmette, located on Rt. 61, 4 mi. east of Sunbury, Northumberland Co. 2 story, 4 bedroom home, 32x60 barn, 24x60 workshop, 3 drilled wells, ideal location for business. $76,000. Integrity Real Estate 717-837-2358.

Large country home in Sullivan County, with garage and outbuildings, near State Game lands, 4+ acres, hardwood floors, wainscoting, natural maple trim, 5 bedrooms, bath, double living room, dining room, den, kitchen, pantry, fully insulated, 2 miles from town, $50,000 Phone 717-928-9574 after 5 p.m.

Wanted for Spring 1983 or sooner - dairy farm to rent or lease w/option. Should have minimum 75 acres tillable 50± cow barn and nice home. Have own cattle and machinery. 717-756-2098 evenings.

Wanted to rent with option to buy - dairy farm by March 1, 1983. 215-856-7905 eves

Nine hole golf course, 18 hole miniature golf, driving range, pro shop, snack bar, stone house, two barns, 45 acre tract, to qualified buyer. 215-679-5204 Pennsylvania

For Rent - Blair County dairy farm, 120 tillable, silo barn cleaner, 814-239-2593.

Want to rent - dairy farm w/option to buy. Capable of handling 60-70 milking cows plus young stock. Have cows and some equipment. References available. 301-658-6509.

REAL ESTATE

144 acre farm located in Columbia Co., PA. Owner financing. Asking price $144,000 Contact FRITZ REAL ESTATE, 316 East St., Bloomsburg, Pa. 17815. 717-784-1873.

For Sale - Two story older home w/barn and 42 acres. Call 717-596-2168.

120 acre farm for rent or sale. Cumberland Co., 4 bedroom house all improvements, 3 bedroom mobile home, bank barn, for beef sheep or hogs. Plenty of water for pasture or irrigation. 717-249-1165 after 5:00 P.M.

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

Several large and small farms. Tracts of land, building lots. Terms. Write Box 366 J-229, c/o Lancaster Farming, Lititz, Pa. 17543

Seeking to rent a farm or farmette in Franklin County. Phone 301-797-6460

REAL ESTATE

Large 4 bdr. secluded country home, York Co. Terms. Write Box 366 J-227, c/o Lancaster Farming, Lititz, Pa. 17543

For Rent - 4 room house, middle aged couple, nice yard and parking. Neffsville, Lancaster Co., 717-569-1170.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

30 acre farm with large hog finishing operation. House in need of repairs and remodeling. Immediate income. York Co. Terms. Write Box 366 J-228, c/o Lancaster Farming, Lititz, PA 17543

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

TIOGA CO. PA.

Ranch house on 3 acres; 2 car garage with paved driveway. House features 24x35 family room with walk around fireplace and barbeque pit, step saver kitchen, DR, Living Room with fireplace, 3 or 4 bedrooms, 1½ baths, unfinished basement with another fireplace. $65,900. Possible owner financing. CALL 814-367-5796

FRANKLIN CO.

530 acre hog and general farm located 2 miles from exit 14 of PA Turnpike. 385 acres of very fertile level cropland. 24 crate farrowing unit with nursery. 1200 capacity finishing unit. Large bank barn for sow housing. 36,500 bu. grian complex with dryer. Modern brick dwelling. Frame tenant house. Other good storage buildings. Financing available to qualified buyer. Contact Mr. Heindel or Tyson.

Production Credit Assoc. of York
717-792-2641

BAUGHMAN REALTORS

- 31.4 ACRES with 10x16 oak & pine cabin (no facilities) 2400' Muddy Creek frontage-mostly wooded, owner financing. (201785)
- 45 ACRE Amish farm; hogs, beef & tobacco, 38 acres tillable, 7 pasture acres w/spring, 4 BR house shaded by 2 large maple trees. (201858)
- BARNS ONLY + 146 acres of good farm land and woods. (202167)
- MODERN HOG OPERATION - 69 acres, level, includes fabulous 4 bedroom farm house, call for details. (200598)
- ALL ARE LOCATED IN SOUTHERN YORK COUNTY, CALL FOR MORE INFORMATION.

717/741-4671

REAL ESTATE

FARM FOR SALE

37 acre hog farm w/100 sow capacity farrowing unit house, historic stone farm house, bank barn, several other storage barns and shed. Possible owner financing. Located within 40 minutes of downtown Wilmington, DE, and 45 minutes of Lancaster in Southern Lancaster Co.

If interested contact:
Lancaster Production Credit
R.D. 1 Box 27A
Quarryville, PA 17566

FARMS, FARMETTES, LAND

Exclusive Listings throughout Central PA

- 14 Operating Farms - Bedford, Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Montour & Somerset Counties
- 7 Farmettes - Centre, Clinton & Huntingdon Counties
- 30 Rural Land & Cabin Listings

Please call or write for free detailed lists. See June 26/July 31 issues for complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705 (Lewisburg) Larry W. Platt (717) 568-5563
Don Myers (814) 422-8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J. Kissinger, Realtor
William H Leonard, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

FINGER LAKE PLAINS: Largest growing season, largest high lime land area, New York State. Some have never seen a lime truck.

New Listing: Best cash crop for dollar we ever listed: 294 acres, 195 tillable, gas on property, level land. $148,000.

Want a best cash crop farm all in one block, 600 acres. Call us on this.

A small farm of 150 acres, 131 tillable, grain storage for 400 acres. Has hit 200 plus bushel corn one field.

We have several new dairy listings from 36 cows to 200.

Call or Write:
LAKE COUNTRY FARMS
Harry Pettingill, Jr., Broker
2158 Rt. 89
Seneca Falls, N.Y. 13148
Phone 315-568-9708

20 acre farmette, 5 tillable acres, 5 pasture, balance wooded, 4 bdrm. home, lg. barn, garage. **MAY BE RENTED WITH OPTION TO BUY.**

Modern 450 acre beef & broiler set up, grain bins & dryer, mostly all tillable, prime level ground, 2 modern home, poss. owner financing at 9% interest, will divide, Amish neighbors, $900,000.

Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, 8 room home, extra large bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000

Lykens Valley Farm 100 Acres, 90 tillable, nice home, possible terms. 10% down 12% interest. $250,000

62± acre general far, private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable, 15 pasture, 10 wooded Possible owner financing, 25% down, 12% interest, $79,000.

75 acre farm, 3 bedroom home, bank barn, 40 tillable, 30 pasture, 5 wooded, 2 streams, $85,000 Possible owner financing

Plain Acreage

10-49 Acres

PETER B.
CORTELYOU
Real Estate Herndon, PA 17830
717-758-9177

REAL ESTATE

For Sale - Log home 3 yrs. old, 1¾ acre wooded lot, 4 bedrooms, stone fireplace, cathedral ceiling, 1760 sq. feet, twp road frtg. $75,900. $25,000 assumable mortgage at 8½%.

Double home, completely remodeled in 1975. Everything separate, 2 wells, barn and pastures with all new fence. 1000 ft. road frontage, 7½ acres $54,900. Adams Co. 12 miles west of Gettysburg. Call Evenings at 9 Rick Showers 717-677-6494

PENNA FARMS

CUMBERLAND CO.

113 acre dairy, charming stone dwelling.
82 acre all open land, murrill soil.

FRANKLIN CO.

124 acre general, 2 story dwelling, bank barn.
91 acre dairy. Owner financing.

HUNTINGDON CO.

172 acre general, a steal at $100,000.

Selling your farm?
No Obligation Appraisal

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS

139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FARMS FOR SALE

Chester Co. near Oxford - 190 acres, 150 acres tillable, 38 acres meadow, 2 lg. streams, some woodland This would make 2 nice farms. We will sell less acres if buyer desires Amish neighbors 3 houses on the farm-mansion house, 8 rm , brick, conveniences, farm house 15 rms., bath, conveniences, tenant house, 7 rms., bath, conveniences. Large dairy barn, bulk milk tank, stanchions, lg. silos, good wells, good producing land. Reduced price, owner financing. Early possession.

95 acre dairy farm. 50 stanchions, bulk milk tanks, milk house, silo, good wells, lg. farm home, 10 rooms, bath, lg dairy barn, box stalls, stream, meadow, nice long level fields, good land, Amish area.

80 acres additional land we may sell adjoining the above dairy farm. We may sell these acres as a whole or separate. Terms. Possession on or before Dec. 1, 1982. Owner financing. Priced to sell.

If you are thinking of selling your farm, call us today
We have more farms for sale.

Maurice E. Lehman, Broker
1960 Horseshoe Road, Lancaster, PA 17601
717-394-2460

Daniel Snader, agent
RD 3 New Holland, PA 17557
717-656-7789

FARMS & LAND

F1-2-14 139 acres w/90 acres tillable, Montour Co Large house & bank barn $170,000. Excellent financing.
F-1-2-18 Near Northumberland. 116 acres w/60 acres tillable. Ranch house. Has development potential. $140,000
F2-09 36 acres, ½ tillable. Creek bottom soil. Lg home, barn, etc. Snyder Co $60,000
F1-26 Perry Co. general farm, 180 acres, 90 tillable Long, wide field easy to work, suitable for long landing strip. . . . . Reduced to $199,000
F1-02 A diamond in the rough 103 acres w/log house for only $69,000 Snyder Co Some owner financing possible
F1-31 Perry Co. general farm, 171 acres. 90 acres tillable, 2 story stone home which you must see to fully appreciate. Spring This is a beautiful farm, good soils, owner financing on one half. $249,000

Other Farms Also Available

ERA

BOWEN AGENCY, INC.
(717) 374-2165

Phil Graybill, GRI
717-374-8038

Don Bashore
717-436-9213

REAL ESTATE

Wanted to Rent - Farmland for winter grains, convenient to Jonestown area. Lebanon Co. 717-865-2536

2 acre property w/meadow and new barn, 30'x60', for any type of animal. 2 car garage w/workshop. 2 bedroom house w/open stairway. Large amount of fruit trees and garden space. 717-665-5509

IN THE BEAUTIFUL SHENANDOAH VALLEY OF VA.
1-240 acre farm, all open, new fence, main house and tenant house with spring water.
1-225 acre farm, pre-civil war house with 6 acre lake, all open with bank barn.
1-50 acre farm with pre-civil war house and swimming pool.
1-200 acre farm with small cabin.
ALL FARMS HAVE GOOD STRONG GRASS.
Call H.T. Smith, Owner
Route 1 Raphine, Va. 24472
804-377-2032

Beautiful hunting and vacation land, 3-10 acres. 10 miles to Raystown Dam. Low down payment, 12% interest. Call collect: to Mr. Roelker 717-677-8114

Florida retirement specials: Trailer - Furnished 1-A $16,500; Trailer - 2 bed in town - extras; nice lot $19,500 - 3 bed block; small lot in town fenced $26,500; good financing - 3 bed - 2 bath block nice lot in town $35,000 - 15% down. Herb Walker Assoc. 904-964-5958. Era Faulkner Realty - Realtor Starke Fla. 32091 - Phone 904-964-5065

Florida Poultry Farms contract broiler operation app. 12-A 4-30x500 houses, tractor & all clean out equip., small 2-bed house good income reported $200,000 with owner financing. Contract caged layer operation app. 31½-A-6 14x350 houses 31,000 bird cap. 2 tractors & all clean out equipt. beautiful home sites 215,000 with good ownerr - financing Herb Walker Assoc. 904-964-5958, Era Faulkner Realty - Realtor Starke Fla. 32091. Phone 904-964-5065

3-A farm with established produce, fruit and X-mas tree business. Beautiful 4 bedroom home, chestnut woodwork, large rooms. Terms. Write Box 366 J-230, c/o Lancaster Farming, Lititz, PA 17543

Large hog operation with 20 acres. Immediate income from operation. York Co. Excellent terms. Write Box 366-J 231, c/o Lancaster Farming, Lititz, Pa. 17543

100 A grain, produce, beef and hog farm, 3 homes, stream, pond, beautiful setting. Finish 8,000 hogs/year. York Co. Terms. Write Box 366 J-232, c/o Lancaster Farming, Lititz, Pa. 17543

39 acre executives farm with large four bedroom home, large barns, tenant house and near Wolcott, N.Y. $89,000.00 Dwight Winter-Broker 315-594-2345.

Upstate New York Retiring farmer, 230 acres good hay woods, barn, house, dairy, machinery. $149,000. Moonan's Real Estate, Boonville. 315-942-4824.

For Sale - 430 acres, 200+ tillable, mostly well drained, balance woodlot and pasture, old 3 bedroom farm home, new 32x50 hip roof shed with 18' lean, new 32x60 hip roof barn with 12x60 pit, old 40x80 hip roof barn, 6x40 corn crib, two 16x35 silo, new fencing, 2 good wells, 4 mi. from town on all weather road, $300 per acre negotiable. Harry Troyer, RD 2 Box 68, Norfolk, NY 13667.

REAL ESTATE

DAIRY FARM
LITTLE BRITAIN TWP., LANC. CO.
77 Acres
Pipeline, cleaner, tank & silo. House and barn very good. Best soils.
Christian M. Mosemann,
Real Estate Broker
Akron, PA
James Marsh R.E.S.
R.D. 1 Nottingham, PA 19362
717-529-2678

FINGER LAKES, NY
150 Day Growing Season

80 acres open/wooded, gorgeous ranch home with apt. plus storage, heated shop, 4 acre pond, $80,000.

100 acres - 60 tillable, sm. home, barns. $65,000

103 acres - 60 tillable, barn, good home. $71,500

100 acres - 70 tillable, exc. 30 cow dairy barn, outbuildings good, outstanding home. $125,000

238 acres - 82 cow dairy farm, stocked/equipped, excellent farm! Financing $495,000.

256 acres - 82 cow showplace barn, 2 homes. $375,000.

126 acres - 90 tillable, barns, good home, terms. $75,000.

895 tillable acres, #1 soil, grow anything. Financing.

We have many outstanding listings. Our commission, not our opinions, are less than 6%.

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A.J. Farney, broker
Prime Movers of Rural Property
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PENNA FARMS

CUMBERLAND CO.
158 Acre General, Owner Financing.
153 Acre Dairy, 40 comfort stalls.
HUNTINGDON CO.
166 Acre General, spacious brick rancher.
144 Acre Dairy, 1000 gal. bulk tank.
PERRY CO.
106 Acre Dairy, 2 silos, no dwelling.

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Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

FARMS FOR SALE
NEW LISTINGS

MONTOUR COUNTY:

Derry Township: 3 bedroom home on 3 acres Includes 32'x48' shop, 36'x70' two story broiler house w/5,000 capacity and 10 ton capacity feed bin.

Derry Township: 78 Acres (45 tillable, remainder in woodland and pasture). Dairy barn w/45 stanchions. Also other out buildings

Anthony Township: 45 acre farm w/4 bedroom frame house Frame dairy barn with 18 stanchions, 200 gal. bulk tank, 2 silos Owner financing.

Anthony Township: 95 acre beef farm w/approx 75 tillable acres. 75'x84' barn, 2 silos

Anthony Township: 157 acre dairy farm w/125 tillable acres. Dairy barn w/34 stanchions, 4 silos, implement sheds & heifer barns

Limestone Township: 95 acre farm with mobile home and garage.

NORTHUMBERLAND COUNTY:

Turbot Township: 67 acre dairy farm w/55 tillable acres. Loose housing for 30 head. 2 silos

Horning Farm Agency, Inc.
Main St., Morgantown, PA 19543
215-286-5183
or Titus Snader
RD 2 Danville, PA
717-437-2714

REAL ESTATE

FARMS FOR SALE
Dairy, Horse, Beef & Crop
(Bedford & Blair Counties)
Century 21®
Zane Heisel Real Estate Inc.
407 Logan Blvd. Lakemont
Altoona, PA 16602
814-946-1215
Independently Owned

FOR SALE

80 acre tract with 3 year old log cabin. Very secluded property in Rutland & Sullivan Twps., Tioga County, Pa. This is a very nice property and would make an excellent year round home as well as an excellent camp. A-1 deer and turkey hunting area. Asking price for entire tract $58,000. Subdividing would be considered. Financing available to qualified buyer(s). Contact Rick Bowen at HEADWATERS PRODUCTION CREDIT ASSOCIATION, P.O. Box 508, Wellsboro, Pa. 16901, phone (717) 724-1961.

Endless Mountain Real Estate Co.
Tioga County
Land Mart REAL ESTATE
Great Business Investment!
Well established business on Rt. 15, Covington, Tioga Co., PA.
Sales and Service for lawn mowers, chain saws, snowmobiles, outboards and many other sports equipment. Over 6,000 sq. feet and excellent parking. Inventory included. Price right $75,000. #229.
For more details, give us a call!
RD 1 Box 203-A
Covington, PA 16917
717-659-5684
Richard Chamberlain, Manager
Home Ph: 717-549-4173
New Hours Mon.-Sat. 9:30-4:30

LOOK WHAT'S NEW FOR '82

"The Sally Ann Cape Cod"
36x26
$28,990.00 on your lot
The Sally Ann features the same quality of our other homes: Full basement, aluminum soffit and fascia, care-free aluminum or vinyl siding to mention a few. The Second floor is unfinished for future expansion.

HANDCRAFTED PATWIL INC QUALITY HOMES
THE BUILDER WHO CARES

Handcrafted on your lot by local craftsmen
Phone
(717) 442-4178
Located Rt. 30, 8 miles West of Coatesville
OPEN DAILY 1-9; SAT. 10-5
CLOSED SUNDAY

REAL ESTATE

135 ACRE FARM FOR SALE

Excellent for beef or small dairy. Scenic view with lg. amount of road frontage. 118 acres into hay and remainder woods. Soil-alucia loam. Nice 2 story house. 1st floor consists of eat-in kitchen, formal dining rm., living rm., den, 1 BR and bath. 2nd floor has 4 BR. Barn 32x60x24x40, new roof, bulk tank, 9 stanchions, some feeder stalls, 2 sm. outbuildings. Located in NYS, southern tier. Asking $92,000. 607-776-3907 or 607-962-1862.

new pennsylvania realty, inc.
Farm and Land brokers

LEHIGH COUNTY FARM
250 acre limestone farm, almost all tillable, large level fields/stone farmhouse, will sell all or part.
List or buy your farm through brokers who are farmers
215-398-2559 717-386-5000
Box 123
Route One
New Ringgold, PA 17960
Specializing in farm real estate in Lehigh, Berks, Northampton, and Schuylkill Co.

FINANCING AVAILABLE ON MANY FARMS

Boyertown Area
60 ac. level, 38 stalls plus freestalls, silo, lg. beautiful stone home, frontage, $270,000.

Cumberland Co.
Sm. nice going dairy setup, more ground avail. to rent, real oppor. $157,500.

Franklin Co.
94 ac. dairy, stone home, Amish farm, good cropper, possible transferable mortgage, $155,000.

Juniata Co.
150 ac. good bldgs., pond, good cropper, exc. water, fine home, secluded, $190,000.
38 stalls, silo, cleaner, starter dairy, FHA transferable mortgage, $155,000.
5 ac near Rt. 322, farm and shop bldgs., house, $53,900.

North on 11-15
Rich fertile fields, peace and quiet, small vegetable farm, over looks beautiful farm valley. New rancher w/1 car garage, plenty frontage. Priced in the 60's.

Southern Lancaster Co.
27 ac. mostly tillable, 6 pasture, stream, quiet spot, poor buildings, Amish neighbors. Priced in the low 90's.

Montour Co.
108 ac. sm. down payment, low int., stream, poss. beef cows/calf, etc. Very secluded but near I-80, in the $90's.

Northumberland Co.
128 ac. dairy, limestone, 58 stalls, 800 gal. tank, silos, cribs, good house, $200,000.
100 ac., ex. bldgs., lg. home, 14x60 silo, limestone, near Rt. 147, $225,000.

Perry-Juniata Area
Hardworking farm family, 100 acres productive ground, lg. cattle or dairy barn, milk house, equipment storage, produce trade, spring, brick house, owner financing. $149,900.

Snyder Co.
103 Ac. including operating apple orchard w/storage pond, stream, much more, Rt. 235, $275,000.
28 Ac. Gen., nice setting, all till., fin. $69,000.
18 Ac. off Rt. 104, stream, barn, 2 story good home, move-in condition. Mennonite neighbors, $68,000

York Co.
51 ac., quiet setting, pond, stream, nice farm bldgs., $145,500.
135 ac. high yield grain, farm bldgs., stone home, 8.5% money, $329,900.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

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FRANKLIN COUNTY

1970 Model 12x50 House trailer with app. ¼ acre lot. 3 bedrooms, furnished, electric, water & sewer. Excellent fishing & hunting area, located in the Fannettsburg area, Franklin Co., PA. $6500 - Call after 6:00 P.M. **717-653-1737**

LANCASTER COUNTY FARM

75 acre farm with 65 acres tillable located in Penn Twp. Improvements consist of a two story stone house, a large barn, 3450 square foot concrete garage and storage building, a 3 year old 4000 square foot metal implement shed. There are several other small buildings on the property.

For More Details Call:
MANHEIM NATIONAL BANK
TRUST DEPARTMENT
(717) 665-6801
C.C. CALLIS ESTATE

STAR REAL ESTATE

437 Bellefonte Ave., Lock Haven, Pa.
Phone 717-748-9519

* * * * * * * * *

Clinton Co., 159 Acres **Clinton Co.,** Excellent grouse, woodcock, squirrel, turkey & deer hunting, Also Black Bear. Trout Stream runs thru center with lots of native brook trout and some Browns. Mountain spring & old orchard at site of old Homestead. Secluded & private.

* * * * * * * * *

Two Story hunting camp, vacation or retirement home, ½ ac. adj. to State forest lands ("M" of ac's). 9 rooms, 3 bedrooms, 2 baths, new wood siding, new septic, well, pump, furnace & roof. 2 new chimneys for furnace & wood stove.

Lycoming Co., frontage on Rt. #44

* * * * * * * * *

Lock Haven, Pa. office - (717) 748-9519
Williamsport Office - (717) 323-7127

SHENANDOAH VALLEY OF VIRGINIA — FARMS FOR SALE

MODERN - WELL EQUIPPED 250 COW DAIRY FARM

460 Acres of land Colonial home listed in Historial Register of Augusta County, VA

POULTRY FARM 8¾ acres - 13,000 layer - breeder operation Two story farm hosue **$218,000**

209 Acres, Lays along South River - Can all be irrigated - All crop land **$324,000**

6,000 breeder hen capacity poultry farm 30 acres of land Excellent financing **$129,000**

Beautiful Home on 37 7 acres - plenty of water, also optional 63 7 acres additional crop land available

Farm Home on 54 acres - Barn - Chicken Houses and a stream All for **$139,000.**

Excellent Farm property - Dairy of beef operation - 159 acres Restored Colonial home Top production land

94 Acres of Mountain Land with stream and pond Easy access **$57,500**

Hog and Beef operation - 110 acres of land - Brick home good financing **$220.00**

Modern hog farm - 2 year old facility for farrow to finishing Excellent Brick ranch home Swimming pool

Country Store and Service Station - Near State Park - 2 acres of land Good location Excellent financing Business opportunity **$61,500**

Other farms and commercial properties available
Contact

Century 21 Security House, Inc.
40 South Carlton Street, Harrisonburg, Va. 22801
or Call (703) 434-9921
or Call Harry Estep (703) 867-9312

Longacre

PAUL M. LONGACRE FARMS AND COUNTRY PLACES

EXCLUSIVE PA FARMS FOR SALE

See our detailed ad in the July 10 and August 14 issues.
Please call or write our office for detailed farm list.

PAUL M. LONGACRE REAL ESTATE
Box 186 Rt. 100
Hereford, PA 18056
215-679-5919
Also licensed in DE, MD & NJ

UNITED FARM REAL ESTATE

FREE CATALOG - New summer real estate catalog. Many properties OWNER FINANCED from 9% to 12% annual percentage rate. Specify type of property and location preferred.

Under $216 Per Acre

Lake-view 440-acre upstante N.Y. dairy farm. See Photos in Catalog. 8 rm home. Large barn, 51 stanchions, milk house, silo. 150 acres tillable, some mkt. timber. About 7,000 ft. blacktop frontage. $95,000, liberal owner financing.

Quality 350-acre N.Y. Farm

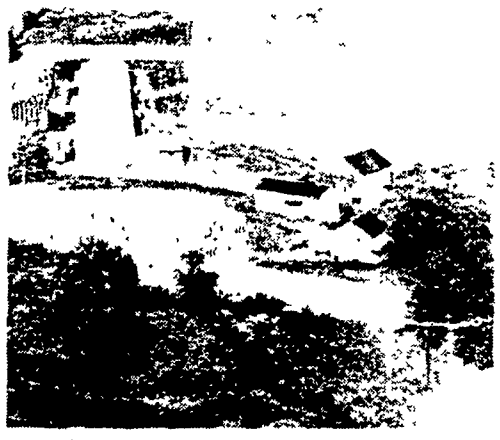
Comes with 92 high-producing Holstein cows, 91 head young stock, 5 tractors, machinery included. 296-ft. long barn, 134 tie stalls, new milking system, 3,000 gal. bulk tank, 4 large silos. 4-bdrm. home, 2 tenant houses. 200 acres tillable. $650,000, terms.

UNITED FARM AGENCY
P.O. Box 7891 - LF Lyell Station
Rochester, NY 14606
Ph. TOLL-FREE 1-800-821-2599
7 days a wk., 8 a.m. to 8 p.m.

FARMS FOR SALE

Eastern Lancaster Co.

88 acres - 60 cow dairy farm, 4 stanchion Surge milking parlor, 525 gal. bulk tank, one 20x54 sealed, bottom unloading, two other concrete silos, 38x72 implement shed, manure pit, 3 wells, public sewer, 6000' more/less rd. frontage, 3600 finish hogs per year, beef operation, large stone home superbly remodeled, fireplace.



Adjacent 63,000 bird laying operation, approx. 4 yrs. old, approx. 2000' road frontage, public sewer, stone home, sensational fireplace, decorative stone work.

Henry Gehman, realtor
215-445-6653

Wanted - small farm or house containing some acreage, between Manheim and Columbia, land should be suitable for pasture or farmable and fairly flat, would prefer owner finance. $22,000 to put down. Write Gerald Weirich, 77 S. Heck Road, Lititz, PA 17543

80 acre farm in northwest PA (Conneautville). Barn, silo, milk house, other buildings. 8 room house. Amish community nearby. $80,000. 814-587-6201

SNYDER COUNTY
10 Acre Plus Farmette - more acreage available
Large frame farm house plus several out buildings. House in excellent condition - new custom cherry raised panel kitchen with built in refrigerator, dishwasher, oven/range, and breakfast bar. Living room with fireplace and wide plank floors, 1st floor den and bath. 3 large bedrooms + modern bath upstairs. Suitable for hobby farming of most any type. Excellent deer hunting and trout fishing in its immediate area. Huge state constructed lake going in nearby. Owner will carry financing on soft terms, call for details only $49,900.

Several 10 acre parcels - some large. Fronting on hard surface public road. Some have stream. Mostly farmland - suitable for pre built houses. Prices starting at $15,000 financing available at 20% down - 13% interest - 10 year, mo. payment on $12,000. is $182.73 - 5 yr. recall. 717-569-5449

For Sale - Large number of outstanding dairy farms in Herkimer Co. in the scenic Mohawk Valley ranging from 100-500 acres, some stocked and equipped, mostly honeoye soils. Anne Ostasz, broker. Frances Yaworski, salesperson, RD 1, Jordanville, NY 13361. 315-823-2008

188 Acre Farm, Columbia County. Owner Financing, approximately 80 acres tillable remaining in timber. House and barn and utility buildings in good condition, several adjoining farm land can be rented. Immediate Occupancy. Only $175,000. STEPHEN'S ASSOCIATES REAL ESTATE 215-777-9816

For Sale - House, two acres land, Juniata County. Rt. 75, 5 miles South of Port Royal. Two story aluminum siding, oil heat, three bedrooms, 1½ baths, double living rooms, dining room, modern kitchen, utility room, small barn. 717-734-3462 717-667-2014

15% down, 10% interest. 185 acre hog farm, nice level creek bottom soil, 9 rm. home, buildings include farrowing house with pit, 30 stalls, 45x65 barn with 26 farrowing stalls, 50x105 nursery boar finishing house with pit, 38x80 finishing house with pit, 36x60 open side building with pit, 16x100 open side building with pit, 30,000 bu. grain storage, many other extras. Huntingdon Co. Only $220,000. 814-447-3725

10% DOWN 10% FINANCING LARGE FARM MIFFLIN COUNTY

Yes, this is the deal you have been waiting for - 160 acres tillable river-bottom and limestone ground. Stone House with spring in basement. Barn not eqpd. for dairy. Total 430 acres. Private setting at end of Township Road. Nestled in a picturesque valley extending over a mile along the Juniata River and along woodland on the other sides. No neighbors! Truck farming possibilities. Old Railroad siding on property. Buy subject to Land Bank financing, balance now under $100,000. Owner will finance balance of purchase price above down payment at 10% interest over 20 years. Negotiable balloon payment. For the investor there is great deer and turkey hunting, fishing, and farmers nearby to rent the long level fields, which average over one-half mile in length. Asking under $850 per acre for the entire package. Subdivision possible. Call now because this farm won't be for sale long. CALL:

(814) 643-5010 or (814) 643-1309

WIMPLE REALTORS... STATEWIDE FARMS

CENTRAL NEW YORK

"YOU SHOULD SEE HIS CORN", 325 acre Eastern Mohawk Valley farm has 150 acres of tillable, exceptionally-good corn ground, but also produces good stands of alfalfa. Ceramic block barn has 4 unit Surge pipeline, new Patz cleaner, bulk grain, 2 silos, unloader. Heifer barn. Pole barn Older Colonial home plus tenant's trailer. ONLY $143,000. Photo brochure. HUGE DAIRY SELECTION FREE CATALOGS. WIMPLE REALTORS, SLOANSVILLE, N.Y. 518-875-6355.

SYRACUSE AREA

MINT CONDITION: excellent 177 acre farm near Syracuse has 130 acres tillable loam soil and 5 ponds. Very good barn milks 47, has Patz cleaner, dumping station, 2 silos, heifer barn and machinery barn. Fine old Colonial home circa 1832 INCLUDES 80 Jerseys with 5.59 test, (milking 46), two tractors and all well-maintained machinery. RETIRING COUPLE OFFERS AFTER YEARS OF OWNERSHIP AT $214,000. FOR APPT. CALL 315-469-3177 or WIMPLE SLOANSVILLE OFFICE: 518-875-6355

SOUTHERN NEW YORK

VETRINARY OFFERS this small farm for beef or horses outside Cortland. Barn has 51 acres of open land with small woodlot. Home features new bath upstairs plus one down, baseboard heat, family room and fireplace. Older barn. OWNER FINANCED. ASKING $64,000. CALL TRUMANSBURG OFFICE: 607-387-9303

ST. LAWRENCE VALLEY

98 HOLSTEINS, 4 tractors and all machinery included on this 296 acre farm with 200 acres tillable and alot of new fencing. Very good hip roof barn has 72 stanchions plus heifer /wing, 2 concrete silos, cleaner and mow elevator Dump station. Solid brick colonial home you'll be proud to live in. Tenant house so-so. COMPLETE FARM-$262,000 or BARE AT $135,000. MANY, MANY OTHERS. LOTS WITH LIBERAL OWNER TERMS. CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

- FREE DAIRY CATALOGUES -

BERKS COUNTY...

77 ACRES M/L, Quaint Old Farm Home, Bank Barn, Spectacular View **$125,000**

144 ACRES M/L, 2 Story House, Beautiful Long Fields, Fleetwood Schools..... Asking **$225,000**

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE

For Sale or rent - 160 acre valley cattle or crop farm, 110 acres tillable, level to rolling land, 2 streams, bank barn, 7 rms. and bath, oil heat, north of Chambersburg near PA turnpike. $150,000, 20% down, 10% interest, 814-259-3311

Private party wants farm, large or small, no money down but have vets certificate eligibility location anywhere or farm on 50-50 milk check. Send reply to PO Box. 366 A-40, c/o Lancaster Farming, Lititz, PA 17543

Somerset Co.-300 acres farm near Amish development. 2 houses, barn and other buildings. Owner financing available. 814-267-4113

58+ acres prime farm land. Currently in Timothy and oats. 52± acres tillable, gradual slope to south. No buildings. Franklin Twp. York Co. Call 717-766-7659

Kent Co. Del. Approx. 105 acre dairy farm with 5 bedroom home, full basement, all buildings in good repair. 5 miles west of Dover on Rd. 163, Rt. 2, Box 328D, Dover, DE 19901.

2 Adjoining Farms in Franklin County.
77 acres and 105 acres.
Other Farms
VanCleve Real Estate
717-392-3032

FREE CATALOG!
100's of Farms, Businesses, Apartments and Retirement Properties. (#56) FREE!
AMERICAN FARM DIGEST
3546 WATSON RD.
ST. LOUIS, MO 63139
1-800-325-9943

FOR SALE
Farm 209 acres in Bradford County - located in Ulster Township - on Rte. 220 - Five miles North of Towanda. 50 acres flat pasture land, 50 acres tillable flat land, 109 acres hill pasture, wasteland and woodland. Excellent dairy barn, silo and milk house. Old farm house - must sell to settle estate. Call (717) 265-6534 or write to - Ellen Bustin, 217 North Main Street, Towanda, PA 18848.

PRODUCTIVE SOUTHERN MINNESOTA FARMLAND GOOD LAND-GOOD WATER STOCK & GRAIN FARMS
ALL SIZES TO 3,000 ACRES MOST FARMS WITH OWNER FINANCING.
P.O. Box 836
Faribault, Minn.
55021
507-334-2192

REAL ESTATE

FARM FOR SALE

260 acres, clay-loam soil; 190 acres tillable; 40 acres woods with 1 big pond spring fed with fish, 2 smaller ponds; 1 lot with locust trees and small spring fed pond.

House - 34'x26' two story, 4 bedroom house, wood and electric heat, new septic system and well (15 gal. min.), fully insulated.

Dairy Barn - 76'x120'; 92 tie stalls; Badger gutter cleaner for 50 tie stalls, balance stalls scrapout, 2 maternity pens, 15 calf pens. All concrete and insulated, equipped with water lines and cups. 20x20' milk house attached to barn (not equipped with bulk tank or sinks), 36x80x16' high trench silo poles, hardwood lumber sides and concrete floor.

Machine Shed - 40x98'

Hay Barn - 30x80'

$175,000 - $75,000 down, owner finance balance. Will sell in three different lots at cash basis only. Excellent for deer hunting and cabins. Located in Bradford, NY 14815; 15 mi. from Bath, NY, 25 mi. from Corning, NY (Steuben Co.)

For further info. call 607-583-7889
Owner - Joseph J. Sleve
RD 1, Bradford, NY

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

SPRING AND IMMEDIATE POSSESSION

900 ACRE DAIRY FARM - 300+ head capacity on 900 acres w/700 tillable and pasture. 184 free stall barn w/automated feeding system. Also automated manure system on timer. 4 silos including two 24x70's and a 20x70. Double 6 DeLaval parlor. Two 1250 gallon bulk tanks. 30 stanchion barn w/maturity pens. 3 heifer barns 3 ponds. $260,000+ existing FHA and FLB money to refinance or assume. Much more. Just $270,000 for 980± acres and buildings. Also 500 acres of recreational land for sale in 6 parcels at $200 to $350 p/acre. PH: 717-662-2138

PA COMMERCIAL OR HOBBY FARM 50 head dairy barn on approx. 50 acres all same side of road, 20x60 silo, mow conveyor, partially remodeled house in shade trees, all overlooking beautiful Cowanesque Dam. Just listed at $62,000. More land available. FLB 12¾% Int., existing mortg. M-322 PH: 717-662-2138

462 ACRE, 200 tillable, 4 barns, sheds, 2 houses, springs, stream, woods + much more. Exc. beef or horse farm, can be subdivided only $210,000 W-655. PH: 717-724-5921

DAIRY FARM — $67,900 Operating 40 cow barn & 144 ac. w/septic & well. Perfect for trailer or new home. 85 ± ac. tillable. 35-40 ac. pasture. Creek, shade, easy access to fields. Only 30% down, 12% int., 20 yrs. ($528.00) per month. Great buy! Call today. Tioga Co. C-655 PH: 814-367-2249

RECREATION GALORE IN POTTER CO. 9.5 acres in the beautiful Germania Area. Open in front, wooded in back. Easy access to bldg. sites. Short distance to excellent hunting & trout fishing. 35% down, 12% int., 5 yrs. $8,600. C-741 PH: 814-367-2249

47 ACRES - some wooded, stream frontage on black top road, septic approval, owner financing. $31,900 B-151 PH: 717-265-3171

THE Real Estaters — REALTOR

Offices: Area Code - 717
Tioga, Potter & Bradford Counties call or write
WELLSBORO, 120 East Ave. - 724-5921
WESTFIELD, 108 Main St - 814-367-2249
MANSFIELD, RD 1, Box 41 - 662-2138
TOWANDA, Bridge St - 265-3171
TROY, 41 Lycoming St. 717-673-3298
OUR #1 AIM IS SERVICE

REAL ESTATE

THIS WEEKS SPECIAL
Very nice 120 acre dairy farm w/60 tie stalls. Pipeline and 800 gal. bulk tank. 20x70 & 12x50 concrete silos. New 42x99 equipment shed. Five bedroom 2 story brick farmhouse, w/oil heat. Stream and meadow also possibility of cattle and equipment sale in mid season.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177
Broker-J Irvin Denlinger, 717-898-8962

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

180 acre Limestone land. All tillable, gently rolling, slight out croping, no improvements. Call Mr. Niesley.

60 acre choice limestone land, excellent view of moutain, no improvements. Call Mr. Niesley.

33 acres secluded, 20 wooded, no buildings, stream. Call Mr. Niesley.

25 acre dairy farmette, new 2 story brick house, 50 comfort stalls, 2 silos, new implement shed. Call Mr. Niesley.

11 acre with good view to develop home site or farmette. Call Mr. Niesley

JUNIATA COUNTY

144 acre ge[SOLD] deled 2 story fra[SALE] ner buildings, 2 stream. Call Mr. Benner.

60 acres of timberland. Call Mr. Benner.

31 acre farmette. Remodeled 2 story frame house, small barn and other buildings. Stream. Call Mr. Benner.

20 acres of open ground. No buildings. Call Mr. Benner.

5½ acres wooded, ½ hard, ½ X-mas trees. (Reduced). Call Mr. Bitting.

PERRY COUNTY

157 acre dairy farm, loose housing with 9 stall milking stable, modern 4 bedroom house. Call Mr. Benner.

70 acre general - 2 story frame house, bank barn and other buildings. Call Mr. Bitting.

19 acre farmette, new 2 story southern colonial brick and aluminum house, situated on ridge, fantastic view, 30x48 barn with horse stalls, stream, secluded, near New Port. Call Mr. Benner.

1¼ mtn. lot. [SOLD] ting, fishing, snowmobiling [SOLD] within walking distance. Call Mr. Bitting.

SNYDER COUNTY

65 acres general, 2 story frame house, barn, and out bldgs with stream. Call Mr. Benner.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

MAILBOX MARKET Advertising and SUBSCRIPTION FORM
will be found on Page B39

REAL ESTATE

LYCOMING COUNTY
One acre building site with blacktop road frontage and electricity. 20 miles south of Wellsboro near Liberty. Sewerage permit available. Excellent view. Owner financing available. $1,800.

FREE CATALOG AVAILABLE

WM. P. CONNOLLY REAL ESTATE
P.O. Box 467
Wellsboro, PA 16901
Ph. (717) 724-2565

REAL ESTATE FOR SALE

DAUPHIN COUNTY
New Listing - 110 acre general farm, lg. beautiful brick home, lg. bank barn, northwest of Gratz.

PERRY COUNTY
New Listing - 27 acre general farm, lg. frame house, lg. bank barn, stream and pasture, between Liverpool & Millerstown.
80 acre general 2½ story 4 bdr. brick house, bank barn near Ickesburg.
57 acres with bank barn, 35 tillable, 18 wooded, 4 meadow (No Dwelling), near Loysville.

LANCASTER COUNTY
77 acre dairy farm with 3 bedroom house, modern conveniences, room for 39 cows and space for expansion, pipeline milker, milk bulk tank, 16x50 concrete silo, 20x30 corn barn. Reduced To Sell South of Quarryville.
11 acre mostly wooded Southern exposure, North of Rt. 222 and Turnpike Reading exit.
10 acres wooded w/house and pavilion North of Ephrata.
8 acre farmette w/house, barn and never failing spring

BERKS COUNTY
38 acres general farm along rt. 422 East of Myerstown zoned agricultural, commercial and residential, will subdivide
34 acres, 18 acres wooded balance open North of Womelsdorf.
20 acre campsite w/2½ story dwelling
10 acres w/bank barn
30 Acres, no bldgs., all tillable.
Above 3 lots all near Shartelsville exit I-78.
4.8 acre tillable, pasture, stream.
3.25 acre tillable, pasture, stream.
8 acre tillable, pasture, stream.
Above 3 lots all near Bethel exit I-78

LEBANON COUNTY
40 acre poultry, hog and beef, modern 2½ story brick house, like new condition, 4 bdrs., 1½ baths, 2 story broiler operation for 104,000 birds. Hog operation has farrowing capacity for 24 hogs and space for finishing. North of Lebanon.

YORK COUNTY
13 acre farmette, 2½ story 3 bdr.house with mod. conveniences, frame bank barn and corn barn, near Delta, Pa.

CLINTON COUNTY
15 acres totally wooded.
32 acres totally wooded (both near exit I-80 to Cearroll, PA)

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street, Akron, PA 17501
717-859-1004 With 24 hour service
or Paul Musser, 717-733-8107
or James L. Marsh, 717-529-2678
Dora A. Petrone, 717-394-2689
Emma E. Gish, 717-653-5369
Jay Douglas Marsh, 717-529-2678
or Paul Smith, 717-933-8156

Purina BIO-MITTENT™ Lighting Program

The Bio-Mittent™ Lighting Program

The Purina® Bio-Mittent Lighting Program is a unique lighting program for pullets and layers which saves energy and money without adversely affecting growth or egg production. It supplies pullets and layers with 15 minutes of light and 45 minutes of darkness each hour they receive light under a standard lighting program. This intermittent lighting program resulted from the discovery that chickens will grow and produce well when supplied 15 minutes of light per hour instead of 60 minutes.

Potential Bio-Mittent Lighting Savings Per Cycle
For John Smith Egg Farm, Inc.

No. of light bulbs	350	Feed price=$180/ton=$.09/lb.		Timeclock	$120
Wattage per bulb	40	No. of layers = 50,000		Override timer	$ 30
Cost/killowatt	4¢	Type housing	___Brownout	Wiring/Installation	$130
			✔ Blackout		

Electrical Savings

350 bulbs x 40 watts/bulbs/hr ÷ 1000 watts/killowatt = 14 kw/hr	
Standard Lighting Program: 14 kw/hr x 17 hrs/day x .04/kw	= $9.52/day
Bio-Mittent Program: 14 kw/hr x 4.25 hrs/day x .04/kw	= $2.38/day
Difference in Standard vs. Bio-Mittent Lighting	= $7.14/day
No. of days Bio-Mittent Lighting used/cycle	x 240 days/cycle
	$1713.6/cycle
No. of layers	÷50,000 birds
Electrical Savings/Bird/Cycle	3.4¢

Feed Savings,

For Non-Light Tight Houses 0 1 lbs/doz
For Light-Tight Houses 0 2 lbs/doz
For Open-Sided Houses No feed savings, only electrical

0.2 lbs/doz feed savings
x 15 doz eggs/bird/cycle/while on Bio-Mittent Lighting
3.0 lbs/bird/cycle
x .09/lb feed cost
Value of Feed Savings/Bird/Cycle .27¢

Extra Saleable Eggs

15 doz eggs/bird/cycle during x 2.7% Cracks & Checks x 10% Fewer Cracks & Checks = .04 doz.
Bio-Mittent Lighting (Estimate) with Bio-Mittent Lighting
Value difference of Saleable Grade A vs. Cracks & Checks x .20¢/doz
Value of Extra Saleable Eggs/Bird/Cycle .8¢

TOTAL VALUE/BIRD/CYCLE	31.2¢
No. of birds	x 50,000
GROSS VALUE to John Smith Egg Farm	$15,600.00

Cost To Implement

Timeclock (with 15 minute setting)	$120.00
Override timer	$ 30.00
Wiring and installation	$150.00
TOTAL COST to John Smith Egg Farm	$300.00
Net Value = Gross Value - Total Cost to John Smith Egg Farm	$15,300.00

Why Bio-Mittent Lighting Works

Bio-Mittent Lighting works because short periods of light repeated often are interpreted by the chicken as constant light. The chicken's hormonal reproductive control system does not recognize darkness unless she is without light over 3 hours. Thus, the dark periods are never perceived as such by the hen's system. For Bio-Mittent Lighting to provide maximum benefits, light tight housing is required. In non-light tight houses, electrical savings are realized but feed savings are slightly less. In open-sided housing, the advantage is only electrical savings. However, this still can be significant.

Bio-Mittent Lighting for Pullets

The function of a pullet lighting program is to control sexual maturity. As with a standard lighting program, on the Bio-Mittent Lighting program pullets receive constant light from 1-14 days of age. Afterwards, until 20 weeks of age, the Bio-Mittent Lighting Program is implemented. The intermittent pattern of 15 minutes light/45 minutes darkness per light hour is used during the time lights are normally used.

Bio-Mittent Lighting For Layers

When the hours of light are increased to stimulate onset of lay, constant light should be initiated and continued through 36 weeks of age. At which time, layers can gradually be phased onto Bio-Mittent Lighting. Intermittent lighting is continued throughout the laying cycle and can be used in the second cycle with comparable savings, if the flock is molted.

PROOF OF PERFORMANCE
Research Results
Layers:

Table 3. Effect of Bio-Mittent Lighting on Egg Production, Egg Weight, Feed Efficiency and Weight of Layers

Lighting Program**	Production Hen-Day, %	Egg Wt. Grms.	Lbs Feed Per Doz. Eggs	Body Weight Change, lbs.
60L:0D	76.9	53.5	3.24	.83
15L:45D	76.6	53.5	3.08	.64

Lighting Program**	Relative Shell Strength, %	
	Comparison #1	Comparison #2
60L:0D	100.0	100.0
15L:45D	101.6	101.0

*Tests were conducted at Purdue Research Farm with commercial White Leghorn strains of hens lighted 15 hours per 24 hour day.
**Number of minutes of light:number of minutes of dark per light hour. Birds were grown under the same lighting regimen as pullets using 6 light hours per 24 hour day. At 20 weeks, lights were advanced to constant light for 13 hours and at 24 weeks to constant light for 14 hours. At 28 to 36 weeks, 15 patterns of designated light sequences were used.

FOR HELP IN IMPLEMENTING THIS PROGRAM CONTACT YOUR PURINA DEALER

HESS MILLS
PHONE 717-442-4183
717 768-3301
PARADISE PA 17562

HIGH BROS.
PHONE 717 354-0301
GORDONVILLE PA 17529

K & K FEED, INC.
PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717-867-5161
FONTANA, PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354 4616 717 738 1088
RD3 EPHRATA PA 17522

W. L. MUMMERT CO.
PHONE 717 637-6923
6 PINE ST
HANOVER, PA 17331

THE PURINA PROGRAM
Good Breeding | Sound Management
Careful Sanitation | Good Feeding
FOR GOOD PRODUCTION

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464-3386
WEST WILLOW, PA 17583

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc.
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

M. G. HENNINGER & SON, INC.
PHONE: 717-362-3333
BERRYSBURG, PA 17005

J. P. ANIMAL SUPPLY
PHONE: 301-658-5795
2497 TOME HWY.
RISING SUN, MD 21911

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA 19559